

ANNUAL REPORT  
OF THE  
RECEIPTS AND EXPENDITURES  
OF THE  
Town of Braintree

From Dec. 31, 1896, to Dec. 31, 1897.

TOGETHER WITH THE  
Report of the Board of School Committee, Engineers  
of Fire Department, Water Commissioners,  
AND  
MANAGER OF ELECTRIC LIGHT PLANT.

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*PRINTED BY ORDER OF THE TOWN.*

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REPORTER JOB PRINT.  
WEYMOUTH & BRAINTREE PUB. Co.  
BRAINTREE, MASS.  
1898.

## TOWN OFFICERS.

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*Moderator.*

JOHN V. SCOLLARD.

*Town Clerk.*

HENRY A. MONK.

*Town Treasurer.*

PETER D. HOLBROOK.

*Selectmen, Assessors and Overseers of Poor.*

ANSEL O. CLARK,            WILLIAM W. MAYHEW.  
J. PARKER HAYWARD.

*Water Commissioner for three years.*

JAMES T. STEVENS.

*School Committee for three years.*

THOMAS A. WATSON,        GEORGE W. STEVENS.

*Auditors.*

DANIEL POTTER,            L. WILLARD MORRISON,  
CHARLES G. SHEPPARD.

*School Fund Committee.*

GEORGE D. WILLIS. ALVA S. MORRISON,  
WILL W. MAYHEW, FRANCIS A. HOBART,  
JAMES D. LEATHERBEE, PETER D. HOLBROOK.

*Sinking Fund Commissioner.*

JAMES T. STEVENS.

*Trustees of Thayer Public Library.*

E. WATSON ARNOLD,        NATHANIAL H. HUNT.

*Fence Viewers.*

T. P. HARRISON,            STILLMAN F. PRATT,  
FRANCIS W. CROOKER.

*Constables.*

HORACE FAXON,  
CHRISTOPHER T. BAILEY,  
JOSEPH W. STETSON,  
THOMAS DOWNEY,  
LEONARD M. HOBART,  
JAMES R. QUALEY,  
JOHN H. MACANDREW,  
GEORGE H. HOLBROOK,

CONRAD MISCHLER,  
JOHN GALLIVAN,  
CHARLES C. HILL,  
JOHN KELLEY,  
BENJAMIN J. LORING  
HENRY DUGAN, JR.,  
J. MURRAY KNIGHT,  
EDWARD M. WIGHT.

**REPORT**  
OF THE  
SELECTMEN, ASSESSORS, OVERSEERS OF THE  
POOR AND HIGHWAY SURVEYORS  
OF THE  
**TOWN OF BRAINTREE,**  
FOR THE YEAR ENDING DECEMBER 31, 1897.

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In accordance with the By-laws of the Town of Braintree, the Board of Selectmen, Assessors, Overseers of Poor and Highway Surveyors herewith respectfully submit their Annual Report, showing the appropriations and expenditures for the financial year ending December 31, 1897.

ANSEL O. CLARK,  
WILLIAM W. MAYHEW,  
J. PARKER HAYWARD,

*Selectmen, Assessors, Overseers of Poor and Highway  
Surveyors of Braintree.*

# LIST OF APPROPRIATIONS MADE AT ANNUAL MARCH MEETING, 1897.

For Pay of School Teachers, be-  
sides School Fund and

Dog Tax . . . . .	\$12,300 00
Superintendent of Schools, Salary . . . . .	1,200 00
Janitors of Schools . . . .	1,568 00
Text Books and Supplies . .	1,700 00
Incidentals for Schools . . .	400 00
Incidentals and Repairs of School Houses . . . . .	900 00
Fuel for Schools . . . . .	1,235 00
Conveyance of Pupils . . . .	700 00
Repairs of South West School House . . . . .	225 00
Operating South West School four months . . . . .	250 00
Fire Department, General Expenses . . . . .	800 00
Repairs on Engine Houses . .	125 00
Purchase of New Hose . . . .	325 00
Pay of Members, Stewards and Engineers . . . . .	1,180 00
Extending Fire Alarm . . . .	300 00
Water Department, Hy- drant Service . . . . .	4,050 00 .
Sinking Fund, (Water Loan) . . . . .	5,120 00
Extending Water Mains . . . .	2,000 00
Electric Light Department, Street Lighting, besides revenue from Domestic Light, etc. . . . .	8,425 00

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*Amount carried forward,* \$42,803 00



<i>Amount brought forward,</i>	\$42,803 00	
Notes, Jonas Perkins School		
House . . . . .	3,100 00	
Notes, Monatiquot School		
House . . . . .	3,300 00	
Notes, Electric Light . . . . .	2,000 00	
Interest on Town Debt . . . . .	5,000 00	
Highways and Bridges . . . . .	6,500 00	
Removal of Snow . . . . .	1,500 00	
Town Officers . . . . .	3,480 00	
Support of Poor . . . . .	4,000 00	
Night Police . . . . .	1,800 00	
Janitor Town Hall and		
Public Library . . . . .	600 00	
Town Hall . . . . .	175 00	
Town Lands including Plain		
Street Cemetery . . . . .	275 00	
Insurance . . . . .	700 00	
Incidental Expenses . . . . .	2,000 00	
Abatement and Collection		
of Taxes . . . . .	1,500 00	
Court Fees and Expenses . . . . .	100 00	
Thayer Public Library . . . . .	800 00	
Distributing Books . . . . .	100 00	
Post 87, G. A. R. . . . .	175 00	
Soldiers' Relief, Acts of		
1890 . . . . .	400 00	
Soldiers' Aid, Chapter 279 . . . . .	100 00	
Building Hillside Road . . . . .	1,050 00	
Widening Washington		
Street . . . . .	1,745 00	
Concrete Sidewalks . . . . .	1,000 00	
Painting Public Buildings . . . . .	800 00	
	<hr/>	\$85,003 00

AT A SPECIAL MEETING SEPTEMBER 27TH, 1897.

Additional for Repairs of High-

ways . . . . .	\$1,000 00
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For Stable and Store House,

Electric Light Depart-

ment . . . . .	800 00
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## PAY OF SCHOOL TEACHERS.

Appropriations . . . .	\$12,300 00	
School Fund . . . . .	350 00	
Dog License . . . . .	706 67	
		<u>\$13,356 67</u>

## HIGH SCHOOL.

Paid I. W. Horne, 40 weeks .	\$600 00
Ella Macgregor, 40 weeks	600 00
M. Agnes Lane, 25 weeks+	320 00
Julia Ellsworth, 24 weeks	300 00
Julia Ellsworth, 16 weeks .	240 00
Celia F. Tracey, 4 weeks .	75 00

## MONATIQUE.

Paid Joseph A. Ewart, 24 weeks	\$504 00
Joseph A. Ewart, 16 weeks	376 00
Susan A. O'Rourke, 40	
weeks . . . . .	480 00
Josephine B. Colbert, 40	
weeks . . . . .	480 00
Annie E. Crowell, 39 weeks	399 51
Margaret E. C. Bannon, 40	
weeks . . . . .	480 00

## JONAS PERKINS.

Paid Victoria P. Wilde, 40	
weeks . . . . .	\$850 00
Nellie E. Bowles, 24 weeks	255 00
Nellie E. Bowles, 16 weeks	180 00
Mary E. Vining, 40 weeks	450 00
Mary A. Wilson, 24 weeks	255 00
Nellie F. Monk, 24 weeks	255 00
Nellie F. Monk, 16 weeks	180 00
Nellie M. Kyte, 22 weeks+	226 00

<i>Amount carried forward,</i>	<u>\$7,505 51</u>
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<i>Amount brought forward,</i>	\$7,505 51
Helen A. Mitchell, 24 weeks	253 94
Robertina B. Trask, 24 weeks . . . . .	270 00

## MIDDLE STREET SCHOOL.

Paid Mabel T. Knight, 39 weeks+	\$397 00
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## UNION SCHOOL.

Paid Avis A. Thayer, 40 weeks	\$480 00
Hannah C. Whelan, 24 weeks . . . . .	255 00
Hannah C. Whelan, 16 weeks . . . . .	180 00
Mabel L. Bates 24 weeks .	255 00
Mabel L. Bates, 16 weeks	180 00
Elizabeth B. Pray, 40 weeks	400 00

## POND SCHOOL.

Paid Sarah L. Arnold, 24 weeks	\$288 00
Sarah L. Arnold, 16 weeks	208 00
Emma M. Kane, 24 weeks	279 00
Annie M. Brooks, 24 weeks	255 00
Annie M. Brooks, 16 weeks	180 00
Emily A. Lapham, 24 weeks	255 00
Emily A. Lapham, 16 weeks	180 00
Harriet M. Hill, 40 weeks	400 00
F. Gertrude Badger . . . . .	163 00
Minetta A. Stevens . . . . .	9 00
Emma Keith . . . . .	37 50
Ethel E. Roberts . . . . .	160 00
Theresa O'Rourke . . . . .	160 00
Marion L. Rogers . . . . .	24 00
Elizabeth Simmons . . . . .	160 00
Grace I. Fox . . . . .	90 00

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<i>Amount carried forward,</i>	\$13,024 95
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<i>Amount brought forward,</i>	\$13,024 95	
<b>Paid</b> Grace Randall . . .	172 00	
Fanny Ellsworth . . .	200 55	
Emily Strieferd, music teacher . . . . .	88 75	
Elizabeth J. Hillis, drawing teacher . . . . .	156 25	
Helen E. Hewes, drawing teacher . . . . .	150 00	
	<hr/>	\$13,792 50
<i>Cr.</i>		
For teaching children in kindergarten . . . . .		\$30 50

#### JANITORS FOR SCHOOLS.

<b>Paid</b> Elisha A. Belcher . . .	\$500 04	
William Orr . . . . .	500 04	
J. Franklin Bates . . . . .	264 00	
Sewell Nye . . . . .	264 00	
Francis H. Thayer . . . . .	40 00	
Willie P. Reed . . . . .	16 00	
	<hr/>	\$1584 08

#### FUEL FOR SCHOOLS.

<b>Paid</b> C. A. Belcher, wood . . .	\$17 00	
T. F. Finnegan, wood . . .	30 50	
J. F. Sheppard & Sons, coal . . . . .	15 00	
	<hr/>	\$62 50

#### SUPT. OF SCHOOLS.

<b>Paid</b> Salary . . . . .	\$1200 00
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## CONVEYING PUPILS.

Paid Albert A. Drollett . . .	\$350 00	
Braintree Street Ry. Co. . .	350 00	
	<hr/>	\$700 00

## TEXT BOOKS AND SUPPLIES.

Paid Allyn & Bacon . . .	\$99 65	
Ginn & Co. . . . .	238 97	
Boston School Supply Co.	39 10	
Isaac S. Dement . . . .	16 65	
Houghton, Mifflin & Co. .	77 84	
D. C. Heath & Co. . . .	128 55	
J. L. Hammett Co. . . .	378 40	
Leach, Shewell & Sanborn	74 60	
American Book Co. . . .	139 24	
M. Alice Lord . . . . .	1 50	
William Ware & Co. . . .	28 22	
James T. Weeks . . . . .	5 58	
Henry Holt & Co. . . . .	13 16	
I. W. Horne . . . . .	12 00	
Prang Educational Co. . .	42 05	
Silver, Burdett & Co. . . .	14 50	
Thorp & Martin Co. . . .	23 35	
George S. Perry & Co. . . .	52 95	
Western Publishing House	24 14	
Smith Premier, typewriter Co. . . . .	1 50	
C. H. Lovell . . . . .	26 62	
Ambler & Hobart . . . .	82	
Wadsworth, Howland & Co. . . . .	27 13	
Watchnocket Tool Co. . . .	30 00	
John P. Lovell Arms Co. . .	2 85	

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*Amount carried forward,* \$1,499 37

<i>Amount brought forward,</i>	\$1,499 37	
Paid W. A. Torrey . . .	1 20	
Elizabeth J. Hillis . . .	2 30	
White & Wetherbee . . .	13 50	
Frank A. Smith . . .	1 05	
Thompson & Brown . . .	42	
F. W. Barry, Beale & Co.	1 50	
Franklin Educational Co.	3 90	
L. E. Knott Apparatus Co.	7 30	
Joseph Gillott & Sons . .	11 25	
Edward E. Babb Co. . .	2 42	
	<hr/>	\$1544 21
<i>Cr.</i>		
By Cash from School Com- mittee . . . . .		29 01

#### INCIDENTALS FOR SCHOOLS.

Paid D. C. Heath & Co. . .	\$ 3 17	
J. L. Hammett Co. . . .	33 80	
Woodsum's Express Co. . .	17 45	
Brown's Express Co. . . .	26 25	
Weymouth & Braintree Publishing Co. . . . .	55 76	
S. Burns Weston . . . .	1 75	
I. W. Horne, cash paid . .	106 27	
Mrs. C. E. French, clerk .	115 00	
Pratt & Pratt, printing . .	17 93	
Thorp & Martin Co. . . .	15 20	
R. H. White & Co. . . . .	33 22	
W. F. Jackson . . . . .	3 75	
Joseph A. Ewart, cash paid	46 25	
E. Bourk, express . . . .	40	
	<hr/>	
<i>Amount carried forward,</i>	\$476 20	

<i>Amount brought forward</i>	\$476 20	
Paid Smith Typewriter . . .	1 50	
Electric Light Department	8 00	
Peter Ness . . . . .	43 57	
American Book Co. . . . .	14 20	
George W. Prescott & Son	14 59	
Prang Educational Co. . . . .	1 30	
Silver, Burdett & Co. . . . .	90	
Shepard & Norwell . . . . .	10 05	
N. F. Hunt, truant officer	16 10	
Henry Dugan, Jr., truant officer . . . . .	4 00	
George A. McKay, truant officer . . . . .	8 04	
C. H. Hobart, supplies . . . . .	3 10	
Emma Keith . . . . .	2 40	
C. A. Belcher . . . . .	3 00	
Wallace Spooner, supplies	12 75	
Fore River Engine Co. . . . .	1 00	
Harper Brothers . . . . .	65	
George F. Perry & Co. . . . .	5 25	
A. Worster & Sons . . . . .	12 80	
D. B. Fletcher & Co. . . . .	2 00	
Willard Small . . . . .	3 15	
John Gallivan, truant officer . . . . .	22 25	
		\$666 80

#### INCIDENTALS FOR SCHOOLHOUSES.

Paid N. Y., N. H., & H., R. R.	
Co., freight . . . . .	\$11 59
O. M. Rogers, labor . . . . .	10 18
C. S. Hannaford . . . . .	95
<i>Amount carried forward,</i>	\$22 72



<i>Amount brought forward,</i>	\$22 72
Paid George H. Holbrook, car- penter . . . . .	163 69
Water Department, water .	116 05
Frank A. Bates, labor .	42 21
C. H. Hobart, supplies .	3 00
Smith, Hawes & Company	4 50
Fore River Engine Com- pany . . . . .	7 12
Baker Hardware Company	75
J. Otis McFadden . . .	8 10
J. L. Hammett Company	55 86
R. H. White & Company	7 25
William H. Cobb . . .	1 35
J. H. Dinsmore . . .	1 00
Carrie F. Loring . . .	1 50
H. W. Borden, carpenter work . . . . .	4 66
Charles A. Austin . . .	2 50
Mrs. Levangie, labor .	1 12
E. H. Vinton . . . . .	2 50
Braintree Highway Depart- ment, filling well . . .	71 23
Arthur D. Dyer, sawdust	4 20
Mrs. S. G. Leavett, cleaning house . . . . .	5 33
C. W. H. Moulton & Com- pany . . . . .	3 00
Sewell Nye, labor . . .	1 82
N. R. Proctor . . . . .	9 00
Sulpho Napthol Company	2 50
William Orr, labor . . .	1 50
J. B. Rhines & Company, lumber . . . . .	1 69
<i>Amount carried forward,</i>	<hr/> \$546 15

<i>Amount brought forward,</i>	\$546 15	
<b>Paid Electric Light Department</b>	14 37	
Hayward Brothers, carpenter work . . . . .	244 00	
E. A. Belcher, labor . . . . .	3 30	
Peter Ness, labor and stock	107 00	
Smith & Anthony . . . . .	6 60	
James Wilson . . . . .	90	
Robert Brooks . . . . .	3 59	
W. P. Reed, labor . . . . .	5 00	
W. A. Torrey . . . . .	75	
Grand Rapids School Furniture Company . . . . .	38 60	
	<hr/>	\$970 26
<i>Cr.</i>		
By cash from School Committee . . . . .		15 00

#### APPROPRIATION FOR POOR DEPARTMENT.

Appropriation . . . . .	\$4,000 00
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#### ALMSHOUSE ACCOUNT.

<i>Dr.</i>	
Appraisal, January 1, 1897 . . . . .	\$1,936 20
<b>Paid E. C. Litchfield, Superintendent</b> . . . . .	480 00
Carrie B. Litchfield, hired girl . . . . .	156 00
J. F. Sheppard & Sons, coal . . . . .	12 73
J. F. Sheppard & Sons, ice	12 84
B. H. Woodsum Co., coal	85 60
Timothy H. Libby, wood and manure . . . . .	24 75
	<hr/>
<i>Amount carried forward,</i>	\$2,708 12

<i>Amount brought forward,</i>	\$2,708 12
Paid Timothy H. Libby, pasturing cows . . . . .	19 45
Ambler & Hobart, grain . . . . .	134 92
James T. Weeks, groceries . . . . .	31 14
N. R. Proctor, groceries . . . . .	12 00
C. H. Hobart, groceries . . . . .	58 46
George H. Bryant, groceries . . . . .	14 30
J. M. Arnold, groceries . . . . .	50 68
Dyer & Sullivan, groceries . . . . .	19 80
H. M. White, groceries . . . . .	55 46
Bradford & Mansfield, groceries . . . . .	48 85
H. W. Mansfield, groceries . . . . .	9 00
John F. Eaton, meat . . . . .	38 15
Bridgham Brothers, meat . . . . .	56 20
Charles W. Hollis, meat . . . . .	38 41
J. H. Schraut, bread etc. . . . .	24 99
T. R. Fitch, dry goods . . . . .	23 50
Braintree Clothing Co. . . . .	66 25
O. Q. Ball, oil . . . . .	13 78
Braintree Water Department . . . . .	53 30
Dr. F. W. Brett, medical attendance . . . . .	6 34
N. H. Hunt, standing wood . . . . .	40 50
C. A. Belcher, standing wood . . . . .	38 25
W. E. Dailey, butter and cheese . . . . .	27 28
J. B. Rhines & Co., lumber for henhouse and repairs . . . . .	46 27
<i>Amount carried forward,</i>	<hr/> \$3,635 40

<i>Amount brought forward,</i>	\$3,635 40	
Paid E. A. Hollis, labor on hen-		
house . . . . .	15 20	
Elms, Cary & Co., windows		
for henhouse . . . . .	8 50	
W. A. Torrey, medical sup-		
plies . . . . .	17 40	
O. M. Rogers, supplies and		
repairs . . . . .	11 64	
S. H. Atkins, disinfectants	6 25	
Gem Mfg. Co., soap pow-		
der . . . . .	5 80	
W. H. Cobb, hay tedder,		
tools etc. . . . .	67 03	
A. H. Roulston, carpenter		
work . . . . .	3 44	
Morrill Williams, carpenter		
work . . . . .	4 75	
Goodenough Hunt & Rogers		
standing grass . . . . .	50 00	
C. G. Anderson, wood work	3 50	
Edward Shay, iron work	40 36	
H. B. Whitman, repairs etc.	5 59	
George E. Fogg, seed		
sower . . . . .	2 50	
Perry's Express, expressing	4 50	
C. R. Cromwell, dampers	26 00	
Cartwright & Shay, burial		
of Samuel Cranston . . . . .	20 00	
James B. Poore, iron work	10 00	
	<hr/>	\$3,937 86



*Cr.*

To Appraisal January 1st, 1898	\$1,857 65	
Standing grass, sold . . . .	25 00	
Hay, sold . . . . .	45 15	
To Kindlings for Town house,		
schools and library . . . .	52 01	
Plowing s <sup>low</sup> . . . . .	15 35	
Calf sold . . . . .	7 80	
1,057 tramps and 20 prison-		
ers, 10 cts. . . . .	107 70	
	<hr/>	\$2,110 66
Cost of Poor in Almshouse . . . .		<hr/> \$1,827 20

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### INMATES AT ALMSHOUSE, 1897.

NAME.	AGE.	DAYS.
Charles Hayden . . . . .	92	365
Abraham Mead . . . . .	78	365
George Littlefield . . . . .	72	365
William Patterson . . . . .	62	365
Thomas Dana . . . . .	35	365
Napoleon Benjamin . . . . .	34	365
David B. Thayer . . . . .	62	172
Sarah McComish . . . . .	59	182
Mary Goodman . . . . .	60	365
Maria Kelley . . . . .	33	365
Maggie Richardson . . . . .	27	182
James M. Briggs . . . . .	34	1
		<hr/>
Total number of days . . . . .		3,457
Total number of weeks, 493 6-7. . . .		
Cost per week, \$3.70+.		

## POOR OUT OF ALMSHOUSE.

Paid Taunton Lunatic Hospital	
for Lulinda R. Shaw .	\$34 36
Taunton Lunatic Hospital	
Charles F. Leben . . .	126 75
Taunton Lunatic Hospital	
for Emily C. Hansen .	36 00
Medfield Insane Asylum	
for Emily C. Hansen .	73 20
Medfield Insane Asylum	
for Lulinda R. Shaw .	79 60
State Hospital, support of	
John Hennesey . . .	146 00
State Hospital, aid to	
Edward Mellen . . .	20 00
State Hospital, aid to	
Hattie Colbert . . .	64 86
City of Boston, aid to	
Mary Egan and family	110 00
City of Boston, aid to	
Mary Woodsum . . .	41 00
City of Boston, burial of	
Leavett Child . . .	5 15
City of Chelsea, aid to	
Sarah Ann Thayer .	6 00
Town of Petersham, aid to	
Mrs. C. N. Thomas .	9 85
Town of Wakefield, aid to	
George E. Pratt . . .	16 09
County Treasurer for	
Truant . . . . .	34 87

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 \$803 73

## MARTHA PENNIMAN.

Paid C. H. Hobart, groceries	\$36 66	
Bridgham Brothers, provisions . . . . .	6 81	
T. F. Finnegan, wood .	29 25	
W. A. Torrey, medicine .	1 40	
F. W. Brett, medical attendance, . . . . .	31 00	
Susie J. Glover, nursing .	5 00	
Mrs. H. M. Cox, nursing	30 00	
Paul Wild, labor . . . .	63	
	<hr/>	\$140 75

## MRS. NIGHTENGALE.

Paid M. L. Tupper, coal . . . .	\$14 50	
Bridgham Brothers, provisions . . . . .	12 00	
W. A. Torrey, medicine .	35	
	<hr/>	\$26 85

## ROBERT JOHNSON.

Paid Dr. Noah Torrey, medical attendance . . . . .	\$7 50	
	<hr/>	\$7 50

## MRS. CHAMBERLAIN.

Paid Thomas F. Finnegan, wood	\$3 25	
	<hr/>	\$3 25

## JULIA A. FRENCH.

Paid Lydia N. Bishop, rent .	\$52 00	
	<hr/>	\$52 00

## S. GARDNER LEAVETT.

Paid R. Allen Gage, fuel . . . . .	\$13 40	
J. F. Sheppard & Sons,		
fuel . . . . .	6 25	
	<hr/>	\$19 65

## JOSEPH WHITELEY.

Paid James Wilson, groceries . . . . .	\$101 66	
J. F. Sheppard & Sons,		
fuel . . . . .	17 63	
	<hr/>	\$119 29

## DANIEL MCCARTHY.

Paid B. H. Woodsum Co., coal . . . . .	\$3 20	
	<hr/>	\$3 20

## MRS. O. SULLIVAN.

Paid J. F. Sheppard & Sons, fuel . . . . .	\$10 80	
	<hr/>	\$10 80

## THOMAS J. DALTON.

Paid J. F. Sheppard & Sons, fuel . . . . .	\$9 75	
A. D. Tirrell, shoes . . . . .	5 75	
James H. Lawe, provisions . . . . .	4 00	
	<hr/>	\$19 50

## CORNELIUS CONNELL.

Paid H. M. White, groceries . . . . .	\$7 00	
	<hr/>	\$7 00

## MRS. O'CONNOR AND FAMILY.

Paid J. F. Sheppard & Sons, fuel . . . . .	\$3 25	
A. D. Tirrell, shoes . . . . .	2 75	
	<hr/>	\$6 00



## SARAH McCOMISH.

Paid Braintree Clothing Com-		
pany, shoes . . . .	\$4 00	
H. M. White, groceries .	1 00	
	<hr/>	\$5 00

## MRS. WILLIAM HEARN AND FAMILY.

Paid cash aid . . . .	\$204 00	
	<hr/>	\$204 00

## ANNIE JONES.

Paid George B. Jones, support	\$78 00	
	<hr/>	\$78 00

## INEZ A. PENNIMAN.

Paid cash aid . . . .	\$40 00	
	<hr/>	\$40 00

## ELI FRASER AND FAMILY.

Paid H. L. Dearing, medical		
attendance . . . .	\$37 25	
James T. Weeks, groceries .	18 00	
A. D. Tirrell, shoes . . .	2 50	
R. Allen Gage, fuel . . .	3 38	
	<hr/>	\$61 13

## MRS. S. A. F. MANSFIELD.

Paid Elisha Hollis, house rent .	\$31 50	
M. L. Tupper, fuel . . . .	6 50	
T. F. Finnegan, fuel . . .	3 25	
	<hr/>	\$41 25

## LEONARDO MORALES.

Paid J. F. Sheppard & Sons, coal	\$3 25	
	<hr/>	\$3 25

## DAVID B. THAYER.

Paid F. W. Brett, medical at-		
tendance and truss	\$6 75	
	<hr/>	\$6 75

## ELIZABETH HOBART.

Paid F. W. Brett, medical at-		
tendance	\$ 7 00	
W. A. Torrey, medicine	1 95	
	<hr/>	\$8 95

## MAURICE DOWD.

Paid F. W. Brett, medical at-		
tendance	\$1 00	
	<hr/>	\$1 00

## WALTER JOHNSON AND FAMILY.

Paid F. W. Brett, medical at-		
tendance	\$10 00	
	<hr/>	\$10 00
		<hr/>
		\$1,678 85

## POOR OF OTHER CITIES AND TOWNS.

## TOWN OF DUXBURY FOR ALVA M. NIGHTENGALE.

Paid Bridgham Brothers, provisions . . . . .	\$37 00	
Braintree Clothing Co., clothing. . . . .	5 75	
	<hr/>	\$42 75

## CITY OF QUINCY FOR MRS. C. TURLY AND FAMILY.

Paid C. H. Hobart, groceries .	\$10 01	
Dyer & Sullivan, groceries	6 00	
J. M. Arnold, groceries .	9 00	
M. L. Tupper, fuel . . .	3 25	
B. H. Woodsum Co., fuel	10 10	
R. Allen Gage, fuel . . .	3 25	
	<hr/>	\$41 61

## STATE FOR MRS. MARY LAMPARD AND FAMILY.

Paid H. L. Dearing, medical attendance . . . . .	\$8 00	
James H. Lawe, groceries	15 00	
Morris Gurney, milk . . .	12 60	
	<hr/>	\$35 60

## STATE FOR UNKNOWN MAN.

Paid Albert W. Fay, undertaker	\$15 00	
	<hr/>	\$15 00

## TOWN OF WEYMOUTH FOR JOHN DAILEY.

Paid, groceries . . . . .	\$2 00	
	<hr/>	\$2 00
		<hr/>
		\$1,815 81

*Credit by Cash.*

From City of Quincy for Mrs.	
C. Turley . . . . .	\$41 61
Town of Duxbury for A.	
M. Nightengale . . . . .	42 75

*Due from State.*

For Mrs. Lampard and family	\$35 60
Stranger found drowned . . . . .	15 00

*Due from Weymouth.*

For John Dailey . . . . .	\$2 00	
	<hr/>	\$136 96

## SOLDIERS' RELIEF, ACTS OF 1890.

Appropriation . . . . .	<u>\$400 00</u>
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## MICHAEL SULLIVAN.

Paid E. H. Doble, supplies . . . . .	\$96 57
burial of child (refunded)	20 00

## GEORGE B. JONES.

Paid cash aid . . . . .	\$120 00
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## JONATHAN R. CLARK.

Paid cash aid . . . . .	\$55 00
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## OLIVE M. JONES.

Paid Town of Randolph, aid . . . . .	\$62 75
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## CHARLES L. HOLBROOK.

Paid Town of Weymouth, aid . . . . .	\$68 00	
	<hr/>	\$422 32

*Cr.*

By cash refunded . . . . .	\$20 00
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## STATE AID, CHAPTER 301.

Paid sundry persons from January 1, 1897, to January 1, 1898 . . .	\$2,077 00
sundry persons for December, 1896 . . .	\$171 00
	<hr/>
Due from State . . .	\$2,248 00

## STATE AID, CHAPTER 279.

Paid Samuel E. Whitmarsh . . .	\$144 00	
Samuel E. Whitmarsh, December, 1896 . . .	12 00	
	<hr/>	\$156 00
One-half due from State . . .		<hr/> \$78 00

## HOSPITAL ACCOUNT.

For support of insane . . .	\$640 93
Refunded by friends . . .	278 32
	<hr/>
Due for support . . .	\$362 61

## INCIDENTAL EXPENSES.

Paid Samuel A. Bates, registering 134 births . . .	\$67 00
Samuel A. Bates, recording 104 deaths . . .	18 40
	<hr/>
<i>Amount carried forward,</i>	\$85 40

<i>Amount brought forward,</i>	\$85 40
Paid Samuel A. Bates, recording 53 marriages . . . . .	10 60
Samuel A. Bates, issuing 107 burial permits . . . . .	11 00
Samuel A. Bates, cash ex- penses . . . . .	26 15
Weymouth & Braintree Publishing Co., printing town report . . . . .	313 58
Weymouth & Braintree Publishing Co., printing	202 00
Geo. W. Prescott & Sons, printing . . . . .	30 75
Pratt & Pratt, printing . . . . .	59 50
Geo. W. Southworth, print- ing . . . . .	4 97
George Coleman, binding town reports . . . . .	1 00
Jas. M. Cutting, Inspector of Cattle and Provisions	337 50
W. A. Torrey, postage stamps and stationery . . . . .	32 45
Dr. T. H. Dearing, return- ing births . . . . .	7 00
Dr. H. L. Dearing, return- ing births . . . . .	9 75
Dr. F. W. Brett, returning births . . . . .	3 50
Dr. F. C. Granger, return- ing births . . . . .	5 00
Dr. G. D. Bullock, return- ing births . . . . .	5 00
<i>Amount carried forward,</i>	<hr/> \$1,145 15

<i>Amount brought forward,</i>	\$1,145 15
Paid Dr. Noah Torrey, returning birth . . . . .	25
Dr. G. W. Tinkham, re- turning births . . . .	1 75
Cartwright and Shay, re- turning deaths . . . .	2 25
Ford & Co., returning deaths	3 00
Francis L. King, returning deaths . . . . .	5 25
Daniel Potter, Clerk of Ap- propriation Committee .	8 00
Daniel Potter, election offi- cer . . . . .	10 00
Thos. P. Harrison, election officer . . . . .	10 00
Charles A. Belcher, election officer . . . . .	8 00
Alverdo H. Mason, election officer . . . . .	5 00
John Kelley, election officer	5 00
Albert F. Hollis, election officer . . . . .	5 00
Edward J. Thomas, election officer . . . . .	5 00
W. A. Kane, election officer	5 00
N. F. Hunt, election officer	5 00
Richard L. Arnold, election officer . . . . .	5 00
John V. Scollard, election officer . . . . .	5 00
Will H. Shaw, election offi- cer . . . . .	5 00
<i>Amount carried forward,</i>	<hr/> \$1,238 65

<i>Amount brought forward,</i>	\$1,238 65
Paid John H. Sullivan, election officer . . . . .	5 00
Bradford Y. Knight, dis- tributing town reports .	5 00
James Maher, distributing town reports . . . . .	2 50
E. O. Smith, distributing town reports . . . . .	3 00
T. King, rent of Armory, Co. K, 5th Regt. . . . .	100 00
Co. K, 5th Regt. for electric light, 1896 . . . . .	100 00
White & Wetherbee; sur- veying and making as- sessors' plans . . . . .	481 25
Orpin Brothers, furniture for clerk's office . . . . .	29 00
E. L. Burdakin, recording deeds . . . . .	3 78
E. L. Burdakin, transcript of records . . . . .	20 00
H. A. Webber, refreshments for election officers . . . . .	29 00
W. A. Kane, refreshments for registrars . . . . .	12 50
Edwin F. Cass, refreshments	2 50
N. F. Hunt, collector's deed (T. Bresnahan) . . . . .	18 60
N. F. Hunt, collector's deed (Mrs. E. F. French) . . . . .	60 20
Edwin F. Cass, damage to wagon and goods . . . . .	22 62
B. F. Cunningham, stamp and letter pin . . . . .	12 00
<i>Amount carried forward,</i>	<hr/> \$2,145 60



<i>Amount brought forward,</i>	\$2,145 60
Paid Wm. W. Mayhew, for guide boards . . . . .	14 25
J. L. Fairbanks, books and stationery . . . . .	13 95
Barry, Beale & Co., books and stationery . . . . .	3 35
M. R. Warren, books and stationery . . . . .	2 05
Thomas Groom, books and stationery . . . . .	5 65
Town of Weymouth, use of lock-up . . . . .	6 50
City of Quincy, use of lock-up . . . . .	2 30
John H. Keazer, inspecting boilers . . . . .	6 00
Clerk of Courts, approval of By-laws . . . . .	3 00
N. Y., N. H. & H. Railroad Co., freight . . . . .	45
C. H. Hobart, stationery and telephone . . . . .	2 90
J. R. Carmichael, police duty . . . . .	2 00
S. F. Littlefield, police duty	6 00
Thomas Downey, police duty . . . . .	5 00
E. M. Wight, police duty	6 00
George F. Slavin, duty as fireman July 3 and 4 . . . . .	2 00
C. V. Cottrall, duty as fireman July 3 and 4 . . . . .	2 00
<i>Amount carried forward,</i>	<hr/> \$2,229 00

<i>Amount brought forward,</i>	\$2,229 60	
Paid — Gannon, duty as fire-		
man July 3 and 4 . . . .	2 00	
Turner Specialty Co., Cray-		
ons . . . . .	3 00	
W. W. Mayhew, cash ex-		
penses . . . . .	1 70	
George A. Hunt, team for		
constable . . . . .	3 00	
A. O. Clark, sundry bills		
for forest fires . . . .	85 50	
A. E. Bradford, painting		
town pump . . . . .	75	
Greenough, Adams &		
Cushing, State ink . . .	2 75	
Thomas J. Cain, horse hire,		
Selectmen, Firemen, Con-		
stables and Registrars .	10 75	
William May, ground for		
target . . . . .	10 00	
Henry A. Monk, cash ex-		
penses . . . . .	9 48	
A. O. Clark, cash expenses	24 63	
P. D. Holbrook, cash ex-		
penses . . . . .	10 00	
J. R. Qualey, burial of dog	2 00	
R. A. Gage, distributing		
Town reports . . . .	2 50	
Henry A. Monk, perfect-		
ing records . . . . .	96 90	
	<hr/>	\$2,493 96
Armory rent unpaid . . .	\$300 00	
	<i>Cr.</i>	
By cash from Commonwealth .	\$400 00	

## TOWN OFFICERS.

Paid A. O. Clark, Selectman, Assessor and Overseer of Poor . . . . .	\$650 00
Wm. W. Mayhew, Select- man, Assessor and Over- seer of Poor . . . . .	650 00
J. P. Hayward, Selectman, Assessor and Overseer of Poor . . . . .	650 00
Henry A. Monk, Town Clerk . . . . .	416 67
P. D. Holbrook, Town Treasurer . . . . .	525 00
A. S. Morrison, Registrar of Voters . . . . .	35 00
A. E. Avery, Registrar of Voters . . . . .	35 00
Daniel Potter, Auditor . . . . .	60 00
Charles G. Sheppard, Aud- itor . . . . .	60 00
L. W. Morrison, Auditor . . . . .	50 00
John V. Scollard, Moder- ator . . . . .	25 00
James T. Stevens, Water Commissioner . . . . .	100 00
T. Haven Dearing, Water Commissioner . . . . .	50 00
John V. Scollard, Water Commissioner . . . . .	100 00
Horace Faxon, Constable . . . . .	21 00
James R. Qualey, " . . . . .	16 00
Conrad Mischler, " . . . . .	18 00

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*Amount carried forward,*

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\$3,461 67

<i>Amount brought forward,</i>		\$3,461 67	
Paid John Kelley,	“ .	19 00	
Leonard M. Hobart,	“ .	8 00	
John Gallivan,	“ .	10 33	
Horace F. Hunt,	“ .	8 33	
Henry Dugan, Jr.	“ .	10 33	
		<hr/>	\$3,517 66

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### REMOVAL OF SNOW.

Appropriation . . . . .	\$1,500 00
Sundry bills paid by Selectmen and Supt. of Streets . . . . .	\$1,441 26
<i>Cr.</i>	
By cash from Braintree Street Railway Co. . . . .	\$56 05

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### HIGHWAYS.

Appropriation . . . . .	\$7,500 00
Orders drawn for (See Supt's account) . . . . .	\$7,966 99

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### TOWN HALL.

Paid J. F. Sheppard & Sons, coal	\$71 98
M. L. Tupper, coal . . . . .	17 73
B. H. Woodsum Co., coal	31 73
	<hr/>
<i>Amount carried forward,</i>	\$121 44



<i>Amount brought forward,</i>	\$121 44	
<b>Paid Braintree Water Department, water . . . .</b>	39 00	
Braintree Electric Light Department, light and repairs . . . . .	172 53	
E. A. Dustin, tuning piano . . . . .	5 00	
C. R. & S. B. Cornwell, for dampers . . . . .	41 00	
A. W. Wheeler, chair cushions . . . . .	6 00	
H. W. Borden, carpenter work and stock . . . .	40 60	
Chas. A. Hobart, carpenter work and stock . . . .	10 08	
John E. Thomas, repairing roof . . . . .	23 67	
Thomas B. Stoddard, painting and repairs . . . .	63 37	
John Gallivan, piping room . . . . .	14 56	
Henry L. Kincaide, furniture . . . . .	15 50	
O. M. Rogers, repairs and supplies . . . . .	22 20	
C. H. Hobart, supplies . . . . .	19 97	
Thomas Huston, cleaning vault . . . . .	3 00	
H. W. Mansfield, oil, etc. . . . .	4 42	
C. S. Hannaford, hardware . . . . .	10 14	
Gem Mfg. Co., soap powder . . . . .	5 80	
C. G. Anderson, repairs . . . . .	50	
George Sumner, repairs on lawn mower . . . . .	1 50	
	<hr/>	\$620 28

*Credits.*

Received of sundry persons for use of Town Hall and rooms . . . . .	\$254 00
Due for use of Hall . . . . .	17 75

## JANITOR TOWN HALL AND PUBLIC LIBRARY.

Appropriation . . . . .	\$600 00
Paid John R. Carmichael . . . . .	\$600 00

## PLAIN STREET CEMETERY AND TOWN LANDS.

Appropriation . . . . .	\$275 00
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## CEMETERY.

Paid J. B. Rhines & Co., posts	\$36 40	
L. B. Hollis, posts- . . . .	2 40	
W. H. Cobb, iron pipe, etc.	113 64	
Elmer E. Dyer, labor . . . .	20 10	
Thomas Penniman, labor . . .	53 50	
Lyman E. Penniman, labor	28 00	
Andrew Dyer, labor . . . . .	7 20	
L. A. Dyer, labor . . . . .	1 00	
		\$262 24

## TOWN LAND.

Elmer E. Dyer, labor . . . . .	\$1 50	
Charles M. Reviere, labor . . .	2 70	
Andrew Dyer, labor . . . . .	11 00	
L. A. Dyer, labor . . . . .	2 40	
Paul Monaghan, repairing well . . . . .	4 52	
		\$22 12

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\$284 36

*Credit.*

Grass sold to H. W. Borden .	\$5 00
Error in drawing order . .	1 00

## FIRE DEPARTMENT.

Appropriation . . . .	<u>\$1,180 00</u>
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## THOMAS SOUTH HOSE COMPANY NO. 1.

Paid Charles O. Miller, Treas.,	
pay of members . . .	\$180 00
James J. Murrin, services	
as steward . . . .	42 00

## M. A. PERKINS HOSE COMPANY NO. 2.

Paid Francis J. Mansfield,	
Treas., pay of members .	\$180 00
Clement V. Cottrall, serv-	
ices as steward . . .	65 00

## N. F. T. HAYDEN HOSE COMPANY NO. 3.

Paid Edwin F. Watkins, Treas.,	
pay of members . . .	\$180 00
James Lee, services as stew-	
ard . . . .	65 00

## HOOK AND LADDER COMPANY NO. 1.

Paid Maurice E. Flynn, Treas.,	
pay of members . . .	\$180 00

## HOOK AND LADDER COMPANY NO. 2

Paid Chas. M. Reviere, Treas.,	
pay of members . . .	\$180 00
	<u>                    </u>
	\$1,072 00

## ENGINEERS.

Paid Oliver B. Battles, Chief .	\$50 00	
Jeremiah Gallivan, Clerk .	30 00	
Frank O. Whitmarsh .	30 00	
	<hr/>	\$110 00

## EXTENSION OF FIRE ALARM.

Appropriation . . . . .		<hr/> <hr/> \$300 00
Paid Pettingell Andrews Co., wire and supplies . . . . .	\$51 83	
New England Gamewell Co., 3 boxes . . . . .	156 00	
Electric Light Department, labor . . . . .	118 10	
Fore River Engine Co., labor . . . . .	49	
	<hr/>	\$326 42

INCIDENTAL EXPENSES AND REPAIRS OF THE  
FIRE DEPARTMENT.

Appropriation . . . . .		<hr/> <hr/> \$925 00
Paid New England Gamewell Co., supplies . . . . .	\$42 10	
George Sampson, painting	5 00	
Beatie Zinc Works, chemi- cals . . . . .	60 00	
E. & L. King & Co., chemi- cals . . . . .	20 05	
	<hr/>	
<i>Amount carried forward,</i>	\$127 15	



<i>Amount brought forward,</i>	\$127 15
<b>Paid Holbrook Fire Department,</b>	
attending fire on Division street . . . .	40 00
Woodsum's Express Co.,	
drawing apparatus to fires . . . . .	85 00
O. Q. Ball, drawing apparatus to fires . . . .	5 00
R. Allen Gage, drawing apparatus to fires . .	12 00
Braintree Water Department, water . . . .	30 00
A. S. Jackson, supplies . . . . .	62 00
Electric Light Department,	
light, 3 houses . . . . .	41 45
Electric Light Department,	
repairs on fire alarm . . . . .	12 50
John Anderson, watching fire . . . . .	2 00
Patrick Dugan, watching fire . . . . .	2 50
A. H. Gigie, watching fire . . . . .	2 00
E. W. Dubois, watching fire . . . . .	2 00
Richard DeNeil, watching fire . . . . .	2 50
Pettingell Andrews, supplies . . . . .	22 65
Fore River Engine Co.,	
labor . . . . .	6 53
C. V. Cottrall, labor and supplies . . . . .	11 00
William Hill, glass and setting . . . . .	2 25
<i>Amount carried forward,</i>	<hr/> \$466 53

<i>Amount brought forward,</i>	\$466 53	
Paid Gem Mfg. Co., soap powder	6 00	
F. O. Whitmarsh, repairs on team . . . . .	8 85	
F. O. Whitmarsh, repairs on houses . . . . .	48 52	
A. W. Baker, expressing .	2 90	
Richard Belyea, iron work	6 00	
John Robbins Co., badges	3 90	
W. P. Brown, expressing .	3 85	
American Electrical Works, wire . . . . .	27 03	
William Hall & Sons, keys	3 35	
H. H. Thayer, repairing and painting truck . . . . .	64 75	
A. H. Gigie, painting .	26 75	
Combination Ladder Co., supplies . . . . .	30 00	
Frank W. Newhall, painting	20 59	
H. W. Borden, carpenter work . . . . .	42 77	
Charles O. Miller, carpenter work . . . . .	9 28	
B. H. Woodsum Co., coal	6 00	
Edward J. Thomas, refresh- ments . . . . .	6 00	
J. F. Perry, care of fire alarm . . . . .	109 62	
	<hr/>	\$894 69
<i>Credit.</i>		
By sale of hose reel . . . . .	10 00	

## NEW HOSE.

Appropriation . . . .	<u>\$325 00</u>
Paid Combination Ladder Co., new hose . . . .	\$325 00

## NIGHT POLICE.

Appropriation . . . .	<u>\$1,800 00</u>
Paid Henry Dugan, Jr., services	\$600 00
Horace F. Hunt, services .	600 00
John Gallivan . . . .	509 48
Thomas Downey . . . .	79 04
James R. Qualey . . . .	11 48
John P. Lovell Arms Co., 2 revolvers . . . .	24 65
Henry Dugan, Jr., cash expenses . . . .	55
	<u>\$1,825 20</u>

## COURT FEES AND EXPENSES.

Paid Horace F. Hunt . . .	\$9 95
Henry Dugan, Jr. . . .	3 30
John Gallivan . . . .	4 00
James R. Qualey . . . .	3 10
James A. Reynolds . . .	3 42
Joseph W. Stetson . . .	4 24
John A. O. Bryne . . . .	5 47
Daniel R. McKay . . . .	5 72
<i>Amount carried forward,</i>	<u>\$39 20</u>

<i>Amount brought forward,</i>	\$39 20	
<b>Paid</b> N. B. Furnald . . .	4 90	
Thomas F. Ferguson . . .	8 80	
Edwin F. Knight . . .	4 65	
John Kelley, services prosecuting liquor cases . .	160 00	
John Kelley, court fees . .	29 17	
City of Quincy, use of lockup . . . .	4 90	
	<hr/>	\$251 62

*Credit.*

By fines paid and returned to Town Treasurer in liquor cases . . . .	\$162 79	
All others . . . .	50 40	
	<hr/>	\$213 19

## COLLECTION AND ABATEMENT OF TAXES

Appropriation . . . .	<u>\$1,500 00</u>
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<b>Paid</b> Margie K. Trower, abatement tax, 1895 . . . .	\$1 72	
N. F. Hunt, collector abatement tax, 1895 . . . .	565 86	
N. F. Hunt, collector abatement tax, 1895 . . . .	6 00	
N. F. Hunt, collector abatement tax, 1896 . . . .	314 64	
Benjamin Hawes, Jr., abatement tax, 1895 . . . .	2 00	
George A. French, executor, abatement tax, 1897 . . . .	141 47	
	<hr/>	
<i>Amount carried forward,</i>	\$1,031 69	

<i>Amount brought forward,</i>	\$1,031 69	
Paid William Buker, estate, abatement tax, 1896 .	6 68	
William Buker, estate, abatement tax, 1897 .	2 35	
N. F. Hunt, collecting tax of 1894 . . . .	72 22	
N. F. Hunt, collecting tax of 1896 . . . .	400 00	
N. F. Hunt, tax deed .	18 97	
	<hr/>	\$1,531 91

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#### THAYER PUBLIC LIBRARY.

Appropriation . . . .		<u>\$800 00</u>
Paid Nathaniel N. Hunt, treas- urer of trustees . . .	\$800 00	
	<hr/>	\$800 00

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#### DISTRIBUTING BOOKS.

Appropriation . . . .		<u>\$100 00</u>
Paid Alverdo H. Mason . .	\$100 00	\$100 00
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#### INSURANCE ON PUBLIC BUILDINGS.

Appropriation . . . .		<u>\$700 00</u>
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Paid Charles B. Cummings . . . . .	\$641 25	
C. H. Hobart . . . . .	43 20	
E. O. Underwood, receiver . . . . .	10 46	
	<u>          </u>	\$694 91

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## EXTENSION OF WATER MAINS.

Appropriation . . . . .		<u>\$2,000 00</u>
Paid P. D. Holbrook, treasurer of Water Board . . . . .	\$2,000 00	
	<u>          </u>	\$2,000 00

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## WATER LOAN SINKING FUND.

Appropriation . . . . .		<u>\$5,120 00</u>
Paid P. D. Holbrook, treasurer . . . . .	\$5,120 00	
	<u>          </u>	\$5,120 00

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## POST 87, GRAND ARMY OF THE REPUBLIC.

Appropriation . . . . .		<u>\$175 00</u>
Paid Henry A. Monk, quarter- master . . . . .	\$175 00	
	<u>          </u>	\$175 00

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## HYDRANT SERVICE.

Appropriation . . . . .		<u>\$4,050 00</u>
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Paid P. D. Holbrook, treasurer of Water Board . . .	\$4,050 00	
	<hr/>	\$4,050 00

### CONCRETE SIDEWALKS.

Appropriation . . . . .		<u>\$1,000 00</u>
Paid George W. Caldwell . . .	\$49 20	
	<hr/>	\$49 20

### HILLSIDE ROAD.

Appropriation . . . . .		<u>\$1,050 00</u>
Paid White & Wetherbee, sur- veying . . . . .	\$49 50	
H. L. White, Superintend- ent of Streets (pay rolls)	982 34	
W. H. Cobb, tools, etc. . .	10 83	
W. F. Sanborn, lumber . .	9 45	
L. B. Hollis, gravel . . .	14 55	
J. B. Rhines & Co., drain pipe . . . . .	8 10	
	<hr/>	\$1,074 77

### WIDENING WASHINGTON STREET.

Appropriation . . . . .	<u>\$1,745 00</u>
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Paid White & Wetherbee, surveying . . . . .	\$27 25	
H. L. White, Superintendent of Streets, pay rolls	1,291 49	
George H. Wetherbee, removing ledge . . . .	120 00	
B. H. Woodsum Co., drain pipe . . . . .	37 82	
David W. Lewis, casting for catch basin . . . .	3 00	
Thomas Penniman, labor on fence . . . . .	14 81	
William H. Cobb, tools . . . . .	14 80	
C. H. Hobart, supplies . . . . .	2 72	
W. F. Sanborn, lumber . . . . .	23 63	
Richard Belyea, iron posts . . . . .	22 32	
Appropriation for painting, paint . . . . .	1 98	
H. M. White, paint . . . . .	15 64	
N. H. Hunt, gravel . . . . .	59 45	
L. B. Hollis, gravel . . . . .	88	
Mary E. Finnegan, gravel . . . . .	37 17	
	<hr/>	\$1,672 96

#### LAND DAMAGE PAID.

Paid John Kelley . . . . .	\$410 00	
Heirs of Michael Finnegan	1,250 00	
Frances A. Finnegan . . . . .	200 00	
	<hr/>	\$1,860 00
Due from county . . . . .	\$1,860 00	

## PAINTING PUBLIC BUILDINGS.

Appropriation . . . . .		<u>\$800 00</u>
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Paid J. & W. Bird & Co. for paint . . . . .	\$201 18	
Peter Ness, painting Town House, two coats on two sides and one coat on two sides . . . . .	174 70	
Peter Ness, painting Monat- iquot School House, in- cluding fence, two coats	199 83	
Peter Ness, painting Union School House and fence .	52 50	
Peter Ness, painting Engine House No. 3 . . . . .	25 00	
Thomas Penniman, painting Engine House No. 2 .	18 00	
Robert Brooks, painting Engine House No. 1 .	50 03	
Frank W. Newhall, painting Pond School House .	65 80	
Frank W. Newhall, painting fence, Pond School House	31 72	
	<hr/>	\$818 76

*Credit.*

By cash, J. & W. Bird & Co., discount on bill . . . . .	\$5 00	
Paint used on fence widen- ing Washington street .	1 98	
	<hr/>	\$6 98

## RECAPITULATION FOR 1897.

1,309 orders drawn.

For pay of school teachers . . .	\$13,792 50
Pay of school janitors . . .	1,584 08
Pay for fuel . . . . .	62 50
Pay of Superintendent of Schools (salary) . . . . .	1,200 00
Conveyance of pupils . . . . .	700 00
Text books and supplies . . . . .	1,544 20
Incidentals for schools . . . . .	666 80
Incidentals for school houses . . . . .	970 26
Alms house . . . . .	2,001 66
Out door poor . . . . .	1,815 81
Soldiers' relief (Acts of 1890) . . . . .	422 32
Hospital account . . . . .	540 93
State aid, Chap. 301 . . . . .	2,077 00
Soldiers' aid, Chap. 279 . . . . .	144 00
Incidental expenses . . . . .	2,493 96
Town officers . . . . .	3,517 66
Removal of snow . . . . .	1,441 26
Highways and bridges . . . . .	7,966 99
Electric Light Department . . . . .	19,629 00
Town Hall . . . . .	620 28
Janitor Town Hall and Public Library . . . . .	600 00
Plain Street Cemetery and town lands . . . . .	284 36
Fire Department, pay of members . . . . .	1,182 00
Fire Department, incident- als . . . . .	894 69
Fire Department, new hose . . . . .	325 00

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*Amount carried forward,* \$66,577 26



<i>Amount brought forward,</i>	\$66,577 26	
For Fire Department, fire alarm		
extension . . . . .	326 42	
Night police . . . . .	1,825 20	
Court fees and expenses . . . . .	251 62	
Collection and abatement of		
taxes . . . . .	1,531 91	
Thayer Public Library . . . . .	800 00	
Distributing library books . . . . .	100 00	
Insurance on public build-		
ings . . . . .	694 91	
Extension of water mains . . . . .	2,000 00	
Water loan sinking fund . . . . .	5,120 00	
Hydrant service . . . . .	4,050 00	
Post 87, Grand Army of		
the Republic . . . . .	175 00	
Hillside road . . . . .	1,074 77	
Widening Washington		
street . . . . .	1,672 96	
Concrete sidewalks . . . . .	49 20	
Painting public buildings . . . . .	818 76	
Land damage, widening		
Washington street . . . . .	1,860 00	
	<hr/>	\$88,928 01

## ASSESSORS' ACCOUNT.

Pay of school teachers . . .	\$12,300 00
Superintendent of Schools . . .	1,200 00
Janitors for school houses . . .	1,568 00
Text books and supplies . . .	1,700 00
Incidentals for schools . . .	400 00
Incidentals for school houses . . .	900 00
Fuel for schools . . .	1,235 00
Conveyance of pupils . . .	700 00
Repairs on South West School House . . . . .	225 00
Operating South West School, four months . . . . .	250 00
Fire Department, general ex- penses . . . . .	800 00
Repairs on engine houses . . .	125 00
Pay of engineers, stewards and members . . . . .	1,180 00
Purchase of hose . . . . .	325 00
Extending fire alarm . . . . .	300 00
Water department, hydrant ser- vice . . . . .	4,050 00
Water loan, sinking fund . . .	5,120 00
Extending water mains . . . . .	2,000 00
Electric light department, street lighting . . . . .	8,425 00
Notes, Jonas Perkins School house . . . . .	3,100 00
Notes, Monatiquot school house	3,300 00
Notes, electric light . . . . .	2,000 00
Interest on town debt . . . . .	5,000 00
Highways and bridges . . . . .	6,500 00
<i>Amount carried forward,</i>	<u>\$62,703 00</u>

<i>Amount brought forward,</i>	\$62,703 00
Removal of snow . . . .	1,500 00
Town officers . . . .	3,480 00
Support of poor . . . .	4,000 00
Night police . . . .	1,800 00
Janitor Town Hall and Library.	600 00
Town Hall . . . .	175 00
Town lands . . . .	275 00
Insurance . . . .	700 00
Incidental expenses . . .	2,000 00
Abatement and collection of taxes . . . .	1,500 00
Court fees and expenses . .	100 00
Public Library . . . .	800 00
Distributing library books .	100 00
Post 87, G. A. R. . . .	175 00
Soldiers' relief . . . .	400 00
Soldiers' aid . . . .	100 00
Hillside road . . . .	1,050 00
Widening Washington street .	1,745 00
Concrete sidewalks . . . .	1,000 00
Painting public buildings . .	800 00
State tax . . . .	3,115 00
County tax . . . .	4,366 14
Overlay . . . .	1,311 77
	<hr/>
	\$93,795 91
Less bank and corporation tax deducted . . . .	7,000 00
	<hr/>
	\$86,795 91

## TREASURER'S ACCOUNT.

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P. D. HOLBROOK, Treasurer.

*Dr.*

To balance in treasury Jan. 1,	
1897 . . . . .	\$26,122 91
Received from :—	
Collector of Taxes, 1895 .	933 49
Collector of Taxes, 1896 .	17,986 54
Collector of Taxes, 1897 .	57,379 04
A. O. Clark, Manager Elec-	
tric Light Department .	6,990 63
For sundry notes :—	
Boston Five Cent Savings	
Bank . . . . .	\$25,000 00
New England Trust Co. .	20,000 00
Mary A. Prescott . . .	500 00
New England Trust Co. .	15,000 00
Received from State Treas. Cor-	
poration and Bank Tax,	
1896 . . . . .	717 83
Corporation Tax, 1897 .	5,984 78
Bank Tax, 1897 . . .	1,390 13
Military Aid, Chap. 279 .	88 00
State Aid, Chap. 301 .	2,134 00
<i>Amount carried forward,</i>	\$180,227 35

<i>Amount brought forward,</i>	\$180,227 35
Received from Armory rent .	400 00
Braintree School Fund .	350 00
National Mount Wollaston Bank, interest . . .	254 93
Received from County Treas., dog tax for 1897 . . .	706 67
Received from Selectmen:—	
Fines from District Court .	210 24
Lots in Plain St. Cemetery	41 00
Tuition of boy in kinder- garten . . . . .	5 50
Tuition of Bicknell child .	18 00
Tuition of Taylor child .	7 00
Sale of hose reel . . .	10 00
Licenses for billiards and bowling alley . . .	16 00
Use of Town Hall . . .	248 00
Licenses for druggist . . .	2 00
License for slaughter house	1 00
Use of steam roller, Town of Randolph . . . . .	95 75
Braintree & Weymouth R. R. . . . .	7 61
From hospital account .	474 24
Removing snow . . .	56 05
Rent of land, city of Quincy	45 58
Gutter cleanings . . .	92 53
Error in bill of L. E. Pen- niman . . . . .	1 00
Error in bill of N. F. Hunt	2 04
Highways . . . . .	14 58
Sale of hay . . . . .	5 00
Burial of poor person .	20 00
<i>Amount carried forward,</i>	<hr/> \$183,312 07



*Amount brought forward,* \$183,312 07

Received from Selectmen:—

A. O. Clark, order over-	
drawn . . . . .	60
A. O. Clark, admr. of the	
estate of James W. Thayer	127 21
J. A. & A. W. Bird, dis-	
count on lead . . . . .	5 00
Rent of Co-operative Bank	6 00
Order of Braintree Water	
Dept. unpaid . . . . .	65 50
Treas. water board for in-	
terest on notes paid by	
the town . . . . .	240 00
For widening Washington	
street . . . . .	1 98

Received from Overseers Poor Department:—

City of Quincy . . . . .	71 29
Town of Easton . . . . .	4 17
Town of Weymouth . . . . .	9 55
Town of Canton . . . . .	12 25
Town of Duxbury . . . . .	55 02
For sale of hay . . . . .	70 15

————— \$183,980 79

*Cr.*

By cash paid on orders . . . \$88,880 07

Sundry notes paid:—

Jonas Perkins school house . . . . .	3,100 00
Warren Institution of Savings . . . . .	3,300 00
State Treasurer's note . . . . .	2,000 00
New England Trust Co. . . . .	12,800 00
New England Trust Co. . . . .	20,000 00
Boston Five Cents Savings Bank . . . . .	25,000 00

*Amount carried forward,* \$155,080 07

<i>Amount brought forward,</i>	\$155,080 07	
G. D. Willis . . . . .	5,000 00	
Mary A. Randall . . . . .	1,000 00	
Mary A. Prescott . . . . .	500 00	
County tax to Treasurer for 1897	4,366 14	
State tax to Treasurer for 1897.	3,115 00	
Penalty for failure to make re- turns . . . . .	10 00	
For interest and discount on notes :—		
R. H. Gardiner, Treasurer, Thayer Academy . . . . .	400 00	
State Treasurer on Jonas Perkins school house . . . . .	900 90	
State Treasurer on notes . . . . .	1,080 00	
Electric Light bonds . . . . .	660 00	
Warren Institution of Sav- ings . . . . .	631 08	
Boston Five Cents Savings Bank . . . . .	541 67	
New England Trust Co. . . . .	439 92	
G. D. Willis . . . . .	135 42	
Mary A. Prescott . . . . .	60 00	
Annie L. Prescott . . . . .	60 00	
Mary A. Randall . . . . .	29 17	
State Treasurer druggist's license . . . . .	1 00	
	<hr/>	\$174,010 37
To balance in treasury Jan. 1, 1898 . . . . .		\$9,970 42
		<hr/>
		\$183,980 79

Accounts of P. D. Holbrook, Treasurer, for 1897, examined and approved; the balance of \$9,970 42-100 (nine thousand nine hundred and seventy and forty-two one hundredth dollars) represented to be in deposit in the National Mount Wollaston Bank of Quincy.

DANIEL POTTER,

*Auditor.*

BRAINTREE, Jan. 29, 1898.

## BRAINTREE SCHOOL FUND TRUSTEES.

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P. D. HOLBROOK, Treasurer.

*Dr.*

To balance cash on hand, Jan.		
1, 1897 . . . .	\$1,020	46
Cash received of N. E.		
Hayden, rent . . .	199	02
Cash received of G. W.		
Osgood, rent . . .	25	00
Cash received from dividend		
Eliot National Bank .	18	00
Cash received from dividend		
National Granite Bank .	60	00
Cash received from dividend		
Weymouth National Bank	35	00
Quincy Savings Bank inter-		
est . . . . .	1	78
Braintree Savings Bank in-		
terest . . . . .	40	40
State Treasurer, rebate on		
bank tax . . . . .	42	85
		\$1,442 51

*Cr.*

Cash paid A. E. Bradford for		
whitewashing and hang-		
ing paper . . . .	\$5	58
Paid S. David for paper .	2	78
Amount carried forward,	\$8	36

<i>Amount brought forward,</i>	\$8 36	
Paid J. B. Rhines & Co.,		
lumber . . . . .	24 55	
Paid T. B. Stoddard for		
painting and paints . . . . .	14 67	
Eugene Coy . . . . .	6 80	
Wales Brothers . . . . .	3 00	
P. D. Holbrook, Treasurer . . . . .	350 00	
For services of committee :		
A. S. Morrison . . . . .	5 00	
Will W. Mayhew . . . . .	5 00	
G. D. Willis . . . . .	5 00	
F. A. Hobart . . . . .	5 00	
P. D. Holbrook, Treasurer . . . . .	15 00	
Balance on hand deposited in		
Braintree Savings Bank . . . . .	655 40	
Quincy Savings Bank . . . . .	344 73	
	<hr/>	\$1,442 51

The above accounts of P. D. Holbrook, Treasurer, examined, and the balance of \$1,000.13—one thousand and 13-100 dollars—deposited in Braintree and Quincy Savings Banks as per certificate from said banks.

Braintree Savings Bank . . . . .	\$655 40	
Quincy Savings Bank . . . . .	344 73	
	<hr/>	\$1,000 13

DANIEL POTTER,

*Auditor.*

BRAINTREE, Jan. 6, 1898.



**TOWN OF BRAINTREE.**

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**Report of the**  
**SUPERINTENDENT**  
**OF**  
**STREETS.**



## REPORT OF THE SUPERINTENDENT OF STREETS.

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*To the Honorable Board of Selectmen of Braintree.*

GENTLEMEN :—In accordance with the vote of the town, passed at its last annual meeting, I herewith respectfully submit for your consideration the following report of the Highway Department for the financial year ending Dec. 31, 1897 :

In submitting this report of the doings of the Highway Department for the past year, I wish to state briefly the condition of the various structures which have been placed under my supervision, and to suggest possible remedies for the more urgent needs of this department.

Braintree is largely a residential town for people doing business in Boston, and, if I read correctly the signs of the times, is destined to become much more so in the next few years. Already developments are being made in almost every section of the town to meet the small, yet growing demand, for country homes. Few towns are so well situated to become such, and few can offer such great facilities, both natural and artificial, as can here be found. The proximity to the city of Boston, the unexcelled steam railroad accommodation, supplemented by the street railways, a system of water works, electric lights, and public schools of which we may justly be proud, with a wealth of natural beauties unsurpassed by any town in this part of the country, at least ;

these facts stand forth and speak with no uncertain voice to those who seek a desirable place in which to live, within reasonable distance from the city.

But what shall we say of our streets, by which we arrive at the full benefit and enjoyment of these advantages? That we are blessed with a few miles of good roads is true, but of the fifty miles of public roads, a large per cent. cannot be so classed. Should we not do more to place our highways in such condition that they, too, may join in and emphasize the attractiveness of our town. Not only does the comfort of our own citizens demand these much needed improvements, but the facility with which the home business of our town is carried on, depends largely upon the good condition of our roads. Within the limits of our town are many thrifty farms, the produce of which finds, to some extent, its market in Boston, but a large proportion of it is sold from door to door among our own people. Again, the fact that the town is made up of three villages, and that at East Braintree and Weymouth we receive the greater portion of our coal and lumber supplies, creates an internal traffic uncommon to many places.

A new element of travel has been introduced within the past few years, an element which has grown to enormous proportions, namely : the bicycle. To this element is due, perhaps more than to any other cause, the great demand for and the continually increasing effort to make better roads. So universal has the bicycle travel become, that during the open months of the year, it equals or exceeds all other combined, and the time has come when this demand for better roads by the patrons of the wheel must be recognized by those in a position to bring about needed improvements along these lines.

We read that in a neighboring city the wheelmen's clubs have voluntarily asked to be taxed one dollar per head, provided this tax may be credited to the highway department



and used for the purpose of building macadam roads. This, and similar instances, show how the interest in this subject is growing. That this interest will continue to increase is certain, for every man, woman and child is vitally interested to see our streets and sidewalks made not only comfortable to travel but attractive as well. Many State legislatures, recognizing these demands, and realizing now, more fully than ever before, the importance of good roads, have created commissions for the purpose of building, under the best supervision, good roads traversing the country in various directions. Many of us are familiar with some of the work accomplished by our own State in the past three years.

In view of all this, does it not become the town to give more attention to this important subject, and anticipate, to a great extent, the wants of every inhabitant. It is sometimes said we are too poor to build macadam roads. The truth is, we are too poor to do without them, and so long as our bad roads continue we may expect to be poor. Indeed, as compared with other places, we may expect to become annually poorer. Without good roads every phase of progress will be retarded. The public road problem is of too vital importance to remain longer in the background. We must accept the situation as it is, and give it the recognition which its importance demands. We must regard road building as a business which requires skillful supervision, as much as railroad building or manufacturing.

As we increase our mileage of macadam roads, our annual cost of road repairs will proportionately decrease. This condition will not obtain, however, unless greater progress is made than heretofore. We may reasonably expect an ordinary macadam road to last twenty-five years, and we have at least twenty-five miles of road which should be made by this method. Our rate of progress now is about one-half a mile per year. That this method is the one best adapted to our needs appears for several reasons.



First. The loads generally carried over our streets do not exceed four tons, including the weight of trucks; to provide for this weight and at the same time to provide a road which will be comfortable for our light carriages, can best be done by a macadam road which shall have sufficient depth to carry this heavy load without injury to the roadbed.

Second. The supply of stone, although not of the best quality, is practically inexhaustible in our own town.

Third. The supply of gravel is limited, and while not as desirable, is quite as expensive as the crushed stone.

Fourth. The cost of maintenance of our macadam roads is much less than those of gravel.

Fifth. With the exception of a few repairs and improvements in our present crushing plant, we are well equipped for doing this class of work.

Our present method of obtaining crushed stone is undoubtedly the best and cheapest, and for the present I would recommend no change in the location of the crusher, but I believe a saving of from ten to fifteen per cent. can be made in handling the stone after it is crushed by the erection of suitable bins for storing the stone. The quality of our roads would be improved by using the screen which we possess, but at present lack power to operate. I would urge that means be provided so that immediate attention can be given this matter, and no delay caused by the change in the Spring. The streets requiring this class of work the coming year are as follows: Washington street, from French's common to South Braintree square; portions of Hancock street, from South Braintree square to Cart Bridge, portions of Union street; Adams street and a portion of Commercial street, from the Jonas Perkins School, one thousand feet easterly. This last section is very narrow, the travelled way being only fifteen feet wide for a considerable distance. An effort is being made to have this street widened by the County, and I earnestly recommend that this be done, if

possible, and a suitable drain provided before this street is macadamized.

During the past year we have macadamized Washington street, from Elm street, about seventeen hundred and sixty-five feet southerly to a point opposite Mr. William May's house, also from Mt. Vernon avenue, about seven hundred and fifty feet southerly to a point near private way leading to Mr. Josephus Sampson's stable. This latter section is of very light construction, however, and cannot be expected to remain intact for many years. So far it has acted well and exceeded my expectations. The crushed stone used on these two sections amounts to two thousand and twenty-nine (2,029) tons.

A summary of the cost is as follows :

Cost of stone, crushed . . . . .	\$743 48
Fairbank's scales and setting . . . . .	147 75
Stone delivered at crusher . . . . .	516 35
Stone delivered on street and rolled . . . . .	1,131 45
Salary of superintendent . . . . .	121 57
<hr/>	
Total . . . . .	\$2,660 60

#### STREET WATERING.

The subject of street watering, in connection with our macadam roads, deserves serious consideration. We expend large sums of money in building these roads, but fail to provide one of the most important means for their care and preservation. As the exposed edges of the small pieces of stone at the surface of a macadam road are broken off, they are soon ground to powder by the grinding process of passing teams. Especially is this true of the hard, brittle granitic stone we are obliged to use here. When this powder is retained on the street surface, the stones themselves are not exposed and the roadway presents a smooth and slightly elastic surface. When, however, this dust is



continually blown or washed away, the macadam road is easily broken up, and always presents hard, bare surfaces of stones which are very disagreeable, especially for light driving. The macadam road is designed to be continually producing its own wearing-surface, and whatever helps this process adds to the life of the road. The surest method of retaining this dust is to keep it moist; it then neither blows nor washes away as easily as when dry. As a matter of economy, I urge an appropriation, though small, be made for this purpose, to be expended at the discretion of the Superintendent, unless some definite territory be specified. I feel sure that the money so expended would prove a source of great satisfaction to the town, and also a direct benefit to the street.

#### GRAVEL ROADS.

Our supply of gravel is limited almost entirely to the south part of the town; there being none whatever fit for road work in East Braintree, while at the north part of the town the supply is practically limited to a remote section so that its cost delivered near the center is greater than that of stone from the present location of the crusher. We can therefore use gravel to a considerable extent, and especially for the side streets and outlying districts where the traffic is not especially heavy. Much of the expense of obtaining gravel could be saved if the town owned its own pits. Every product of the gravel pit including sand, screenings, cobbles, boulders, and screened gravel can be used by this department. As we are now situated we spend much time and labor screening our gravel but derive no benefit whatever from more than one of these products, namely, the screened gravel. I believe we should make a great saving by securing at least two pits the coming year and I recommend the appropriation of \$1,000 for this purpose.

In past years it has been the policy of the town to do as

little as possible or what was absolutely needed on the roads and necessarily so, from the limited appropriation, so that now the department is continually called upon to make extensive repairs that cannot longer be postponed. It has been my purpose to make these repairs with the least expenditure, in order that more money may be available for what may be considered more permanent work. It has also been my constant endeavor to look for all causes of road destruction and as far as possible they have been remedied. One of the chief sources of trouble is the fact that in many cases, the surface water has no other course than the center of the street. By a vigorous use of the scraper early last Spring the gutters of many streets were thoroughly cleaned and the shoulders of the roadways removed so that a marked improvement has been noticed in this respect. The streets where this work has been done are now in a much better condition to receive repairs either of gravel or stone as the case demands.

#### DRAINAGE.

This is the most important subject we have to consider in relation to the improvement of our roads, and it is, perhaps, the one which has received the least attention. It matters not how well a street may be built, or how good the material of which its surface is composed; if it is not properly drained it soon breaks up, either by the action of the surface and ground water, or by frost. On the other hand a road of poor material may be made fairly good if well drained.

We have in various sections of the town relics of old stone drains, built years ago, when much of the territory drained by them was unoccupied pasture land. These drains served their purpose well at that time, but every heavy storm demonstrates the fact that they are inadequate for present needs. As land becomes occupied by buildings and graded toward the street, and as our streets themselves are improved by being brought to uniform grades and sidewalks curbed and



paved, surface water reaches these drains and outlets much more rapidly, and greatly increased in volume, whereas before it either soaked into the ground or reached the drain as a small stream.

In order that a beginning may be made on this important work the coming year, I trust that an appropriation may be made for this specific purpose. Whatever is accomplished in this direction is in the nature of permanent improvement and should be encouraged.

#### SIDEWALKS.

The condition of our sidewalks is too well known to call for any extended criticism here. The work, which has only been started in various places the past year, should be extended. Much of the work done on streets and sidewalks is from the very nature of the case experimental. We cannot tell how a particular material will act until it is tried, and what is suitable for one place may not be for another. Good results have been obtained by the use of ashes with a covering of stone dust. The scarcity of the latter material, however, does not permit very extended work of this kind. It is hoped by the use of our screen at the crusher to obtain a larger proportion of this much needed material for use on sidewalks.

As much surplus material accumulated from the cleaning of streets early last Spring, it was thought advisable to utilize this for grading new sidewalks in places where they were most needed. In this manner we have made four thousand, four hundred and fifty (4,450) feet additional sidewalk at a very low cost. On a considerable portion of this a coating of ashes or gravel has been placed, and at this time proves a great help to travel. Before this work was done the snow plow path was on the side of the roadway, and in places where the road was narrow was a source of danger, especially to passing teams.



I recommend the appropriation of one thousand dollars (\$1,000) for the exclusive improvement of sidewalks the coming year.

#### CONCRETE WALKS.

No tar concrete has been laid during the year, principally because applications came in slowly, and the aggregate was not large. It was finally thought best to put this work over until Spring. As there has been considerable doubt as to the merits of the tar concrete here, I have investigated the matter thoroughly, and, as a result, I do not hesitate to recommend its use. I believe, however, that great care must be exercised in making and placing it, and would only intrust this work to a reliable and responsible party. In the use of tar concrete it is well to bear in mind its nature. Coal tar is one of its chief ingredients, and will, under ordinary circumstances, gradually evaporate. When this process has progressed to a considerable extent, the concrete becomes hard, dry, inelastic, and easily broken by the action of roots of trees and frost. Good concrete, well laid, has been known to last upwards of twenty years. Much depends upon the nature and drainage of the soil upon which the concrete is placed. During the past ten years a new method of concreting has been introduced in the East, although it has been used for a much longer period in the West. This concrete is composed of much the same materials, such as sand, gravel, etc., as the tar concrete; but in place of the tar, a hydraulic cement is used. This concrete is rapidly gaining in favor, and commends itself to all who see it. It is, however, more expensive than tar concrete, and consequently may not be so generally used. The nature of this concrete is such that none of its ingredients evaporate, and it becomes more and more like solid rock, and unless disturbed by frost (which is quite improbable from the method of its construction) there is no reason why it should not last indefinitely. To all who contemplate the use of con-

crete, I would be pleased to explain the nature of both methods more fully, and add that examples of this latter method may be seen in front of George W. Caldwell's house on Vine street, which was put in this year under the appropriation for concrete sidewalks; also at the houses of William May and Charles W. Hollis, corner of Washington and Maple streets. The approximate cost of tar concrete is seventy-five cents (75c.) per square yard; the approximate cost of cement concrete is twenty-two cents (22c.) per square foot.

Appropriation for concrete sidewalks . . . . .		\$1,000 00
Paid for work at G. W. Caldwell's, 90 ft. of curb at 30c.	\$27 00	
59.2 yds. concrete sidewalk	22 20	
	<hr/>	\$49 20
Balance unexpended . . . . .		<hr/> \$950 80

I recommend the appropriation of one thousand dollars (\$1,000) for the purpose of building concrete sidewalks and curbing under the vote of the town passed in March, 1897.

#### BRIDGES.

An examination of the bridges, of which there are fourteen, reveals no serious defects. Cart bridge on Washington street and West street stone bridge have been built a great many years and are somewhat delapidated. It is useless to attempt extensive repairs on these bridges. They should be rebuilt with larger water-ways. The iron work of all the bridges, except Shaw street, should be painted. It is not wise to allow this iron work to rust and weaken when a small expenditure would keep it in good condition. Retop planking on three of the smaller bridges, and also on the drawbridge, will be necessary the coming year. The north

abutment of the Quincy avenue bridge is in bad shape. The stonework will soon need extensive repairs. There is need of slight repairs on many of the bridge abutments. Adams street stone bridge was found to be in unsafe condition. As this was due partly to the occupation of the approach by the street railway and partly to faulty construction, it was considered fair that the town and railroad should share the expense of repairs. The portion of expense borne by the town was one hundred and forty-seven dollars (\$147.00), being one third of the cost. A substantial abutment wall now supports the roadway, and in case the bridge is rebuilt, which probably will be necessary before many years, this wall will serve as part of the new one. The piers of the bridge have been put in safe condition and will last for a number of years. I recommend the sum of seven hundred and fifty dollars (\$750) for the maintenance and repairs of bridges.

#### STATE HIGHWAYS.

A petition for a state highway on Quincy avenue has been before the Highway Commission for three years. At a hearing recently granted the Superintendent of Streets attention of the commission was called to the advisability of taking this road before the street railroad is built, in order that the grade of the track might conform to the grade of the street, and necessary drains and culverts put in. Attention was also called to special reasons why the state should assume the maintenance of this street, it being on line of the Plymouth turnpike, so-called, and travelled principally by through teams from Weymouth and towns below to Quincy and Boston. Although the Commission could make no definite statement before receiving its appropriation, it is believed that the petition will receive favorable consideration the coming year. The fact that the town of Weymouth is petitioning for a highway on the same turnpike will aid in bringing attention to this matter.



## IN GENERAL.

Considerable work has been done in removing unsightly and cumbersome trees from the highways. There is need of much more work of this kind. Our shade trees need greater protection than they have received heretofore. The Superintendent of Streets cannot always follow telephone and electric light parties in their work. If these men were required to obtain a permit to cut trees under certain restrictions, greater care would be exercised.

The fences on our highways throughout the town are in a dilapidated condition and must be rebuilt. The estimated amount of new fence needed is five thousand (5,000) feet. For this purpose alone the sum of nine hundred dollars (\$900) is required.

The work of removing snow is continually increasing, as new streets are added from year to year. While the responsibility of keeping the sidewalks free from ice no longer rests upon the town, it is nevertheless its duty to continue to keep the sidewalks in as safe condition as possible for the convenience of its citizens. The service is being improved by rearranging the snow plow districts so that paths may be made as quickly as possible after a storm.

I would recommend the appropriation of fifteen hundred dollars (\$1,500) for the removal of snow.

The organization of the highway department into a more permanent form is progressing. The work and use of every man is noted, with the idea of improving the efficiency of the force as much as possible. I have not been unmindful of the interests of the men in this department. It has been my constant endeavor to so arrange the work that the major part should be done when the demand for the labor of these men is small in other directions. The repairs of the highways have been made where most urgently needed, without respect to locality, except that our main thoroughfares have received most attention, as would be expected. From an

examination of the table showing the location and cost of repairs, you will see that work has been done on nearly every street in town. This method, which at present seems necessary, owing to the limited appropriation, is by no means the best one. Better results would obtain if the work in each locality could be done more thoroughly.

The presence of street railways on our principal thoroughfares adds largely to the cost of maintenance. Indeed the extra cost has been shown to be in other places, by actual account, from two to five times as great as on streets without tracks. While the accommodation of the electric cars to our people is great, and not to be undervalued in the least, it is well to remember that we pay for it in other ways than by five cent fares, and as a town granting franchises to corporations of this kind, we have a right to expect better care of the space occupied by such companies in operating their cars in public streets. The condition of the track and street crossings on Washington street are far from satisfactory. The attention of the railroad company has been repeatedly called to this matter, but as yet no improvement has been made. It is possible for the railroad company and town to add largely to the comfort and convenience of all who travel, both by rail and team, and to the safety and appearance of track and road by earnest co-operation.

During the past year we have expended approximately the sum of ten thousand dollars (\$10,000) on roads. Twenty-eight hundred (\$2,800) of this has been spent for new road construction. Eight hundred and forty (\$840) for sidewalks, twenty-six hundred and sixty (\$2,660) for stone road, and the balance for repairs of various kinds. We should do more to improve the roads we now have rather than engage extensively in building new ones. I have pointed out the advisability of building our roads of crushed stone (or macadam method), and the importance of increasing the mileage of stone road more rapidly. In view of



this, I earnestly recommend the appropriation of five thousand dollars (\$5,000) for this purpose, and the sum of thirty-five hundred dollars (\$3,500) for general repairs, in addition to the special appropriations.

## WORK CARRIED ON BY MEANS OF SPECIAL APPROPRIATIONS.

### WIDENING WASHINGTON STREET.

Work was commenced September first on the relocation and widening of Washington street, as laid out and ordered by the County Commissioners.

This street is built fifty feet wide and to a uniform grade of six inches in one hundred feet from the intersection of Hancock street to the foot of Dyer hill, then to an easy curved grade to the end of the new location. A considerable quantity of ledge (about 50 yards) was unexpectedly encountered, which increased the cost of building the road. Notwithstanding this the work was completed somewhat under the estimate.

The gutter on the west side of the street, which takes most of the water from the upper part of the hill, was paved with cobble stones. This will save much in way of future repairs.

Cost of building is as follows :

Appropriation . . . . .		<u>\$1,745 00</u>
White & Wetherbee, surveying	\$27 25	
B. H. Woodsum & Co., drain pipe	37 82	
G. H. Wetherbee, removing ledge	120 00	
D. W. Lewis, C. B. grate .	3 00	
Thomas Penniman, labor . .	14 81	
	<hr/>	
<i>Amounts carried forward,</i>	\$202 88	\$1,745 00

<i>Amounts brought forward,</i>	\$202 88	\$1,745 00
Richard Belyea, iron posts and bolts . . . . .	22 32	
W. H. Cobb, tools . . . . .	14 80	
W. F. Sanborn & Co., lumber . . . . .	23 63	
Mary E. Finnegan, filling . . . . .	37 17	
H. M. White, paint and supplies . . . . .	15 64	
L. B. Hollis, gravel . . . . .	88	
N. H. Hunt . . . . .	59 45	
Appropriation for paint, public buildings . . . . .	1 98	
C. H. Hobart . . . . .	2 72	
Weekly pay roll, Sept. 6 . . . . .	76 88	
“ “ “ “ 13 . . . . .	134 25	
“ “ “ “ 20 . . . . .	167 60	
“ “ “ “ 27 . . . . .	140 70	
“ “ “ Oct. 4 . . . . .	162 10	
“ “ “ “ 11 . . . . .	121 81	
“ “ “ “ 18 . . . . .	153 80	
“ “ “ “ 25 . . . . .	119 30	
“ “ “ Nov. 1 . . . . .	99 55	
“ “ “ “ 8 . . . . .	72 40	
“ “ “ “ 15 . . . . .	43 10	
	<hr/>	\$1,672 96
Balance unexpended . . . . .		\$72 04

### HILLSIDE ROAD.

This street, laid out by your board and accepted by the town at its last annual meeting, has been constructed. It conforms for the most part to the grade recommended by the engineer.

The appropriation proved insufficient for as heavy surfacing of gravel as was needed; a light coat was put on, however, and the street is in fairly good condition and proves a great help to all who have occasion to use it.

I would recommend the adoption of a new name for the lower half of the street, as it is nearly at right angles to the upper half and will probably be extended to Middle street before many years. If this is done at once complications in records will be avoided.

Cost of construction is as follows :

Appropriation . . . . .		\$1,050 00
White & Wetherbee, engineers	\$49 50	
W. H. Cobb, tools . . . . .	10 83	
W. F. Sanborn, lumber . . . . .	9 45	
L. B. Hollis, gravel . . . . .	14 55	
J. B. Rhines, drain pipe . . . . .	8 10	
Weekly pay roll, Sept. 27 . . . . .	27 90	
“ “ “ Oct. 4 . . . . .	144 65	
“ “ “ “ 11 . . . . .	172 38	
“ “ “ “ 18 . . . . .	183 76	
“ “ “ “ 25 . . . . .	129 23	
“ “ “ Nov. 1 . . . . .	134 17	
“ “ “ “ 8 . . . . .	3 50	
“ “ “ “ 15 . . . . .	94 85	
“ “ “ “ 22 . . . . .	91 90	
	<hr/>	\$1,074 77
Exceeded appropriation by . . . . .		<hr/> \$24 77

ACCOUNT OF RECEIPTS AND EXPENDITURES OF  
THE HIGHWAY DEPARTMENT FOR FINAN-  
CIAL YEAR ENDING DECEMBER 31, 1897.

Appropriation . . . . .		<u>\$6,500 00</u>
February bills—W. W. Mayhew (cash paid for labor) . . . . .	\$5 38	
L. D. Patten, tools . . . . .	2 55	
G. H. Holbrook (stock and labor) . . . . .	2 32	
March bills—Otis Thayer, gravel . . . . .	3 00	
Thayer Academy, gravel . . . . .	31 79	
N. E. Hollis, gravel . . . . .	7 60	
William May, gravel . . . . .	26 70	
J. N. Malvena, grading and setting edgestone . . . . .	42 75	
J. N. Malvena, grading and setting edgestone . . . . .	34 50	
R. Allen Gage, labor . . . . .	3 14	
A. Dyer . . . . .	7 87	
J. B. Rhines & Co., drain pipe . . . . .	1 20	
William May, labor and material . . . . .	49 20	
Walworth M'f'g Co., sup- plies . . . . .	1 02	
W. W. Mayhew, paid for labor . . . . .	20 22	
April bills—Thomas Finnegan, labor and material . . . . .	5 00	
J. E. Finnegan, labor . . . . .	2 48	
S. C. Nightengale & Childs, jaw plates for crusher . . . . .	59 55	
<i>Amounts carried forward,</i>	<u>\$306 27</u>	\$6,500 00



<i>Amounts brought forward</i>	\$306 27	\$6,500 00
S. C. Nightengale & Childs, cotton waste and Babbit metal . . . . .	6 46	
H. L. White, incidental ex- pense . . . . .	4 97	
F. F. Tupper, services as engineer . . . . .	34 50	
Waite, Williams & Co., oil	6 00	
Fairbanks Scales Co. .	100 00	
Braintree and Weymouth Street Railway . . . .		7 61
Weekly pay roll, April 10	94 10	
“ “ “ “ 17	207 06	
“ “ “ “ 24	303 46	
May bills—Fore River Engine Company . . . . .	60	
W. F. Sanborn & Co., lumber . . . . .	6 38	
J. F. Sheppard & Sons, coal	48 24	
H. H. Harvey, tools . . .	1 33	
H. L. White, incidental ex- pense . . . . .	3 38	
Louis F. Bates, gutter cleanings . . . . .		57 68
Weekly pay roll, May 1 .	427 61	
“ “ “ “ 8 .	441 58	
“ “ “ “ 15 .	420 39	
“ “ “ “ 22 .	444 84	
“ “ “ “ 29 .	402 01	
June bills—Samuel Henry, labor	24 20	
Geo. W. Wentworth, labor	4 80	
W. R. Fleming & Co. .	33 60	
<i>Amounts carried forward,</i>	<hr/> \$3,321 78	<hr/> \$6,565 29



<i>Amounts brought forward,</i>	\$3,321 78	\$6,565 29
J. B. Rhines & Co., lumber	36 49	
H. H. Harvey, tools . . . .	2 65	
White & Wetherbee, surveying . . . . .	8 75	
Bay State Dredging Co., setting buoy stone, etc. . .	18 75	
C. H. Hobart, tools . . . .	8 52	
J. F. Sheppard & Sons, coal	31 71	
Morris Decoste, stone delivered at crusher . . . .	6 60	
George Hunt, stone delivered at crusher . . . . .	55 07	
Frank E. Clapp, stone delivered at crusher . . . .	31 56	
A. L. Furbush, stone delivered at crusher . . . .	181 46	
Hunt Bros., stone delivered at crusher . . . . .	164 16	
J. F. Holbrook, stone delivered at crusher . . . .	67 09	
J. A. Brigham, stone delivered at crusher . . . .	10 41	
Walworth Construction & Supply Co., hose and cotton waste . . . . .	13 13	
Fore River Engine Co. . . .	2 90	
S. C. Nightengale & Childs, swing jaw and toggle plate	73 30	
Weekly pay roll, June 5 . .	294 40	
“ “ “ “ 12 . . . .	338 61	
“ “ “ “ 19 . . . .	356 76	
“ “ “ “ 26 . . . .	189 38	
<i>Amounts carried forward,</i>	<hr/> \$5,213 48	<hr/> \$6,565 29

<i>Amounts brought forward,</i>	\$5,213 48	\$6,565 29
July bills—School Department,		
filling at Union School .		12 58
H. L. White, cash received		
for gutter cleanings .		3 20
H. L. White, cash received		
for sale of wood . . . .		2 00
J. B. Rhines & Co., lumber	1 83	
George H. Holbrook, street		
signs . . . . .	1 18	
H. B. Woodsum & Co., pipe	4 68	
F. A. Bates, supplies .	8 84	
Henry Richards, gravel .	3 10	
Fore River Engine Co., re-		
pairs to crusher . . . .	2 96	
D. H. Andrews, wheels for		
drawbridge . . . . .	15 00	
J. F. Sheppard & Sons, coal	36 51	
Weekly pay roll, July 3 .	109 33	
“ “ “ “ 10 .	55 81	
“ “ “ “ 17 .	66 69	
“ “ “ “ 24 .	49 49	
“ “ “ “ 31 .	114 91	
August bills—J. B. Rhines &		
Co., pipe . . . . .	16 27	
H. H. Thayer, repairs to		
crusher . . . . .	10 59	
B. F. Torry, labor . . . .	2 50	
C. H. Custance, setting		
edgestone . . . . .	19 80	
Perry's express . . . . .	90	
J. B. Rhines & Co., lumber		
for drawbridge . . . .	9 86	
G. E. Fogg, stone coping .	28 07	
<i>Amounts carried forward,</i>	<hr/> \$5,771 80	<hr/> \$6,583 07

<i>Amounts brought forward,</i>	\$5,771 80	\$6,583 07
Andrew Dyer, labor . . .	80	
Lawrence Dyer, labor . . .	40	
W. F. Sanborn & Co., lumber . . . . .	1 20	
Weekly pay roll, Aug. 7 . .	172 39	
“ “ “ “ 14 . . . . .	137 95	
“ “ “ “ 21 . . . . .	188 30	
“ “ “ “ 28 . . . . .	180 63	
September bills—Town of Ran- dolph, use of roller . . . . .		95 75
J. B. Rhines & Co., lumber . . . . .	1 84	
Walworth Construction & Supply Co., supplies . . . . .	2 25	
White & Wetherbee, sur- veying . . . . .	8 50	
D. H. Andrews, wheel for drawbridge . . . . .	7 50	
Weekly payroll Sept. 4 . . . . .	116 05	
“ “ “ “ 11 . . . . .	46 16	
“ “ “ “ 18 . . . . .	44 70	
“ “ “ “ 25 . . . . .	33 71	
Oct bills—J. B. Rhines & Co., lumber . . . . .	16 52	
H. W. Borden, labor and stock . . . . .	6 78	
B. H. Woodsum, pipe . . . . .	1 68	
Adams street stone bridge, labor and material . . . . .	147 00	
Pratt & Pratt, printing . . . . .	1 75	
Weekly payroll, Oct. 2 . . . . .	24 10	
“ “ “ “ 9 . . . . .	45 66	
“ “ “ “ 16 . . . . .	21 73	
<i>Amounts carried forward,</i>	\$6,979 40	\$6,678 82

<i>Amounts brought forward,</i>	\$6,979 40	\$6,678 82
Weekly pay roll, Oct. 23 .	58 35	
“ “ “ 30 .	38 22	
C. W. Hollis, gutter cleanings . . . . .		9 45
Nov. bills—John Gallivan, services as engineer at Cohasset . . . . .	40 66	
B. F. Torry, labor . . . . .	5 00	
John Gallivan, services as engineer at Cohasset . . . . .	25 00	
W. H. Cobb, tools . . . . .	39 97	
F. A. Bates, tools . . . . .	3 18	
Hunt Bros., stone . . . . .	31 83	
White & Wetherbee, surveying . . . . .	23 50	
W. I. Jordan, labor and stock . . . . .	15 80	
W. F. Sanborn, lumber . . . . .	7 88	
Weekly pay roll, Nov. 6 .	45 55	
“ “ “ 13 .	37 69	
“ “ “ 20 .	113 91	
“ “ “ 27 .	64 41	
Appropriation . . . . .		1,000 00
John V. Scollard, gutter cleanings . . . . .		16 40
John McDowell . . . . .		5 40
Mrs. Hussey . . . . .		40
Dec. bills—Baker Hardware Co., tools . . . . .	2 70	
B. H. Woodsum & Co., drain pipe . . . . .	5 99	
John Gallivan, services as engineer at Cohasset .	76 25	
<i>Amounts carried forward,</i>	<u>\$7,615 29</u>	<u>\$7,710 47</u>



<i>Amounts brought forward,</i>	\$7,615 29	\$7,710 47
F. O. Whitmarsh, labor .	5 11	
D. W. Lewis, catch basin cover . . . . .	3 50	
Geo. H. Holbrook, tool box	5 75	
Henry Richards, gravel .	19 10	
L. B. Hollis, gravel . .	13 68	
Geo. F. Hussey, ashes .	5 00	
N. H. Hunt, gravel . . .	2 80	
Andrew Dyer, labor . . .	14 58	
J. B. Rhines & Co., drain pipe . . . . .	10 59	
John Gallivan, labor . .	7 13	
C. G. Anderson, repairs on scraper . . . . .	18 45	
H. H. Thayer, repairs on scraper . . . . .	9 70	
R. Allen Gage, labor and material . . . . .	5 00	
D. H. Andrews, wheels for drawbridge . . . . .	21 00	
A. S. Morrison, gravel .	15 50	
W. M. Babbitt, gravel .	14 50	
Hiram A. French, gravel .	3 30	
Elisha Thayer, gravel .	1 60	
Charles E. Stratton, gravel	1 40	
Hayward Bros., repairs on drawbridge . . . . .	3 33	
H. M. White, supplies .	94	
Thos. Arthurs, labor . .	2 55	
Weekly pay roll, Dec. 4 .	68 30	
“ “ “ 11 .	25 82	
“ “ “ 18 .	43 25	
<i>Amounts carried forward,</i>	<u>\$7,937 17</u>	<u>\$7,710 47</u>

<i>Amounts brought forward,</i>	\$7,937 17	\$7,710 47
Weekly pay roll, Dec. 25 .	14 00	
“ “ “ 31 .	15 82	
Due from Town of Cohasset .		465 25
from Braintree Street Rail- way Co. . . . .		139 10
for gutter cleanings . . .		29 63
from Town Land appro- priation . . . . .		9 60
from Williams & Kneeland.		24 06
	<hr/>	<hr/>
	\$7,966 99	\$8,378 11

TABLE SHOWING LOCATION AND COST OF REPAIRS.

NAME OF STREET.	Repairs	Sidewalks	Edgestone	Bridges	Drains
Adams . . . . .	\$86 16	.	.	\$180 71	.
Allen . . . . .	104 92	\$128 03	\$41 25	.	\$8 00
Ash . . . . .	16 22	.	.	.	.
Commercial . . .	253 30	37 06	.	.	14 04
Central Avenue .	17 25	.	.	.	.
Common & Cherry	38 05	.	.	.	.
Cedar . . . . .	7 30	.	.	.	.
Crescent Avenue .	3 15	.	.	.	.
Dearing Avenue .	11 20	3 15	.	.	.
Elm . . . . .	90 68	12 15	.	.	5 20
Eliot . . . . .	3 00	.	.	.	.
Franklin . . . .	42 34	11 05	.	.	.
Front . . . . .	47 90	.	.	.	.
Granite . . . . .	7 80	.	.	.	.
Grove . . . . .	7 19	.	.	.	.
Hancock . . . .	92 55	73 13	.	.	4 71
Hollis Avenue .	73 96	19 83	.	.	7 00
Holbrook Avenue.	30 19	5 50	8 00	.	.
Hobart . . . . .	33 70	.	.	.	11 79
Hayward . . . .	90 32	60 00	.	.	.
Howard. . . . .	54 49	.	.	.	.
Independence Ave	26 24	.	.	.	.
Liberty . . . . .	64 34	3 00	.	.	.
Lisle . . . . .	10 70	7 70	.	.	.
Monatiquot Ave..	12 46	.	.	.	.
Middle . . . . .	66 36	.	.	.	.
Mt. Vernon Ave. .	26 17	3 14	.	.	.
Myrtle . . . . .	7 30	3 00	.	.	.
Maple . . . . .	12 00	.	.	.	.
North . . . . .	8 00	.	.	.	.
Oak . . . . .	70 42	6 00	.	.	.
Pond . . . . .	73 07	5 60	.	.	.
Prospect . . . .	23 40	4 55	.	.	.
<i>Am'ts carried for'd</i>	\$1512 13	\$382 89	\$49 25	\$180 71	\$50 74

TABLE SHOWING LOCATION AND COST OF REPAIRS.  
(Continued.)

NAME OF STREET.	Repairs	Sidewalks	Edgestone	Bridges	Drains
<i>Am'ts brought for'd</i>	\$1512 13	\$382 89	\$49 25	\$180 71	\$50 74
Pleasant . . . .	28 65	.	.	.	.
Plain . . . .	7 60	.	.	.	.
Peach . . . .	30 40	6 20	.	.	.
Pearl . . . .	10 29	.	.	.	11 08
Quincy Ave. . .	267 24	28 60	.	75 57	8 14
River . . . .	55 69	5 00	.	.	.
Railroad . . . .	20 80	44 50	27 00	.	.
Shaw . . . .	199 11	25 77	.	.	34 98
Summer . . . .	5 05	.	.	.	.
Stetson . . . .	16 17	.	.	.	.
Tremont . . . .	31 98	25 20	.	.	.
Taylor . . . .	7 12	.	.	.	.
Union . . . .	55 89	13 60	.	.	39 46
West. . . .	164 34	29 15	.	15 45	7 00
Washington . .	440 98	137 42	9 81	.	20 67
Misc. Repairs & Ex	1,081 72	140 60	.	.	.
Totals . . . .	\$3935 16	\$838 93	\$86 06	\$271 73	\$172 07



## SUMMARY OF EXPENDITURES.

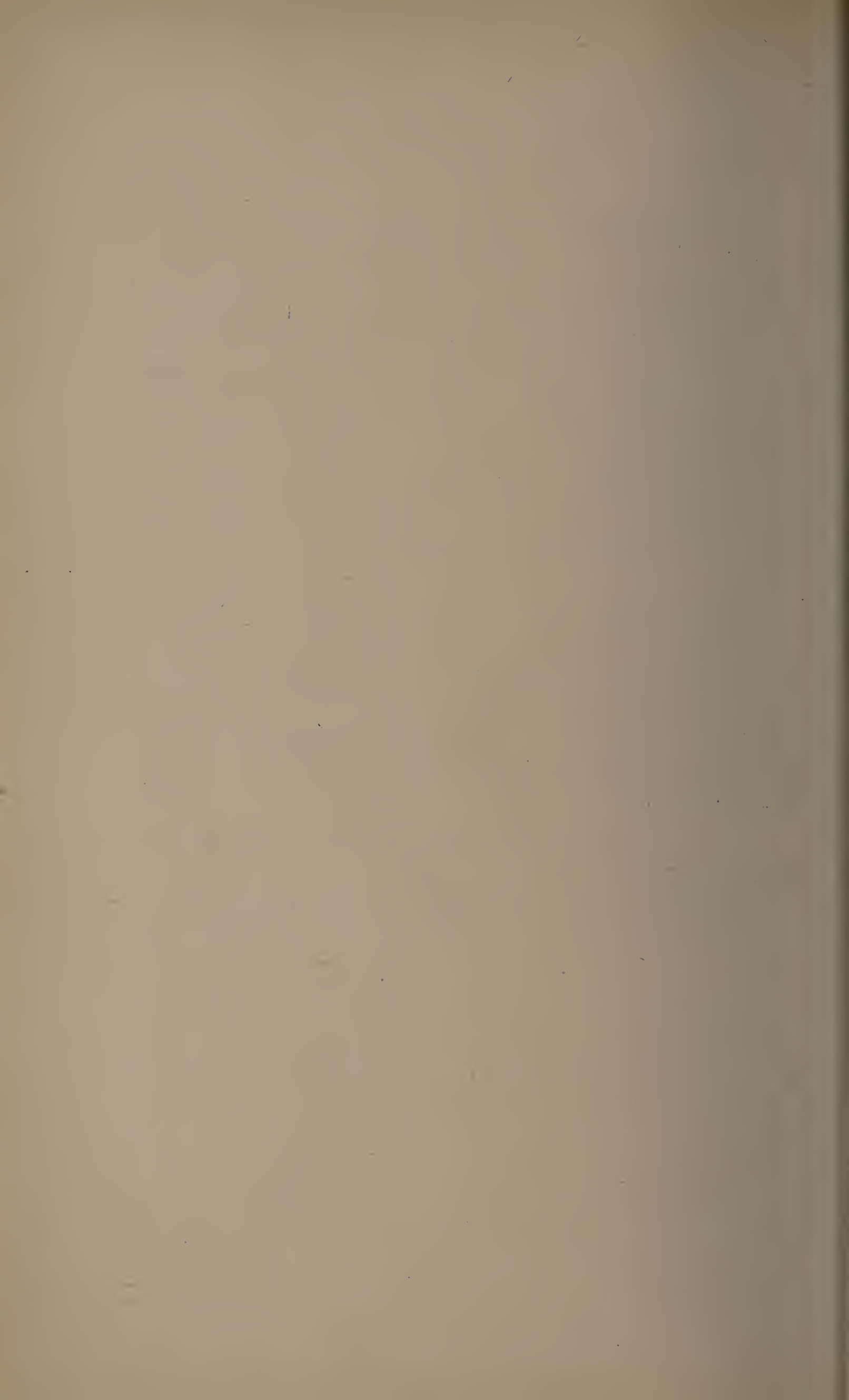
General repairs on streets . . . . .	\$3,935 16
General repairs on sidewalks. . . . .	838 93
Building concrete sidewalks. . . . .	49 20
Setting edgestone . . . . .	86 06
Repairs of bridges . . . . .	271 73
Repairs of drains . . . . .	172 07
Building stone road . . . . .	2,660 60
Building Washington street, widening . . . . .	1,672 96
Building Hillside road . . . . .	1,074 77
Salary of superintendent (included in the above) . . . . .	705 13

In concluding this report, I desire to thank the members of the Board of Selectmen for the assistance and support which they have so cordially given me. Also the citizens of the town who have taken an interest in the work of this department. I wish also to acknowledge my appreciation of the faithful work of all those who have assisted me during the year.

Respectfully submitted,

HARTLEY L. WHITE,

*Superintendent of Streets.*



## LIABILITIES OF THE TOWN.

DECEMBER 31, 1897.

### WATER DEBT.

	<i>Dr.</i>	<i>Cr.</i>
One hundred thousand dollars in bonds, issued July 1, 1887, bearing interest at the rate of 4 per cent., per annum, payable July 1, 1917 . . . . .	\$100,000 00	
One hundred and fifty thousand dollars in bonds, issued June 1, 1891, bearing in- terest at the rate of 4 per cent., payable June 1, 1921	150,000 00	
Six thousand dollars in bonds, issued August 1, 1896, bearing interest at the rate of 4 per cent., per annum, payable August 1, 1926 . .	\$6,000 00	
Total amount water bonds issued . . . . .	\$256,000 00	
For the payment of the above the town has established sinking funds as follows:—		
Sinking fund, loan of July 1, 1887 . . . . .		\$24,454 04
<i>Amounts carried forward</i> . . . . .	\$256,000 00	\$24,454 00

<i>Amounts brought forward</i> . . .	\$256,000 00	\$24,454 04
Sinking fund, loan of June 1, 1891 . . . . .		20,289 08
Sinking fund, loan of August 1, 1896 . . . . .		122 40
Total sinking funds .		<u>\$44,865 52</u>
<i>Cr.</i>		
Balance net water debt .		\$211,134 48
	<u>\$256,000 00</u>	<u>\$256,000 00</u>
<i>Dr.</i>		
Net water debt . . .	\$211,134 48	

### ELECTRIC LIGHTING DEBT.

	<i>Dr.</i>	<i>Cr.</i>
Sixteen municipal lighting bonds dated April 5, 1893, due April 5, 1917, \$1,000 each at 4 per cent., per annum .	\$16,000 00	
One municipal lighting bond dated April 5, 1893, \$500 at 4 per cent., per annum .	500 00	
Total municipal lighting bonds . . . . .	<u>\$16,500 00</u>	
For the payment of the above the town has established a sinking fund amounting to .		\$1,868 10
<i>Cr.</i>		
Balance net debt, municipal lighting loan . . . . .		\$14,631 90
	<u>\$16,500 00</u>	<u>\$16,500 00</u>



*Dr.*

Net debt municipal lighting loan.	\$14,631 90
State treasurer, ten notes of \$2,000 each at 4 per cent. per annum, one note paya- ble annually May 2, 1898, to May 2, 1907, inclusive, issued on account of electric light plant . . . . .	\$20,000 00

**SPECIAL LOAN, ELECTRIC LIGHT DEPARTMENT,  
FOR NEW DYNAMO AND NEW BUILDING.**

Mary A. Prescott, three notes of \$500 each at 4 per cent., per annum, one each payable Oct. 26, 1898, Oct. 26, 1899, and Oct. 26, 1903 .	\$1,500 00
Annie L. Prescott, three notes of \$500 each at 4 per cent., per annum, one each paya- ble Oct. 26, 1900, Oct. 26, 1901, and Oct. 26, 1902 .	1,500 00
Net electric light debt . . . . .	<u>\$37,631 90</u>

**NOTES OUTSTANDING.**

The town owes the following notes with accrued interest :	
Trustees of Thayer Library, note dated March 7, 1894, due on demand at 4 per cent., per annum . . . . .	\$10,000 00

Trustees of Thayer Academy, note dated March 7, 1894, due on demand at 4 per cent., per annum . . .	\$10,000 00
Warren Institution for Savings, four notes dated July 1, 1891, of \$3,300 each, due July 1, 1898, 1899, 1900 and 1901, at $4\frac{1}{4}$ per cent., per annum, given on ac- count of the Monatiquot school building . . .	13,200 00
State Treasurer, seven notes dated February 1, 1894, of \$3,100 each, due annually February 1, 1898 to Febru- ary 1, 1904, inclusive, at $3\frac{7}{8}$ per cent., per annum, given on account of the Jonas Per- kins school building . . .	21,700 00
New England Trust Company, note dated December 10, 1897, in 4 months at $2\frac{3}{4}$ per cent., per annum . . .	15,000 00
<b>Total notes (except electric light notes)</b> .	<hr/> \$69,900 00

## RECAPITULATION OF BONDED DEBT.

	<i>Dr.</i>	<i>Cr.</i>
BONDS ISSUED SINKING FUND.		
Water bonds . . . . .	\$256,000 00	\$44,865 52
Municipal lighting bonds . . . . .	16,500 00	1,868 10
Balance due on bonds . . . . .		225,766 38
	<hr/>	<hr/>
	\$272,500 00	\$272,500 00

	<i>Dr.</i>
Dec. 31, 1897, balance . . . . .	\$225,766 38

## FINANCIAL STATEMENT.

OF THE TOWN, DEC. 31, 1897.

	<i>Dr.</i>	<i>Cr.</i>
Net debt, water loan bonds .	\$211,134 48	
Net debt, municipal lighting bonds . . . . .	14,631 90	
Notes given on account of elec- tric light plant . . . . .	23,000 00	
Sundry notes outstanding .	69,900 00	
Unpaid coupons, loan of 1887 .	200 00	
Accrued interest on water bonds	500 00	
Accrued interest on municipal light bonds . . . . .	165 00	
Accrued interest on sundry notes	683 75	
Sundry bills, rendered too late for payment in 1897 .	4,420 77	
	<hr/> \$324,635 90	

## ASSETS OF THE TOWN,

NOT INCLUDING PUBLIC PROPERTY, DEC. 31, 1897.

Balance in the town treasury .	\$9,970 42
Balance in the water works treasury . . . . .	4,932 94
<i>Amounts carried forward,</i>	<hr/> \$14,903 36



<i>Amounts brought forward,</i>	\$324,635 90	\$14,903 36
Due from collection of taxes,		
1895 . . . . .		108 10
from collection of taxes,		
1896 . . . . .		1,150 61
from collection of taxes,		
1897 . . . . .		29,516 65
from State for State aid,		
Chapter 301 . . . . .		2,248 00
from State for State aid,		
Chapter 279 . . . . .		78 00
from cities and towns, pau-		
per account . . . . .		35 60
from hospital account . . . . .		405 32
from electric light depart-		
ment, unpaid bills. . . . .		3,394 04
from water department, un-		
paid bills for service and		
pipes . . . . .		5,374 40
from highway department . . . . .		667 64
from City of Quincy, reser-		
voir rent . . . . .		49 82
from Norfolk County, land		
damages . . . . .		1,860 00
		<hr/>
		\$59,791 54
Balance carried forward		264,844 36
		<hr/>
	\$324,635 90	\$324,635 90

Dr.

Net debt of town, Dec. 31,  
1897 . . . . . \$264,844 36

# AUDITOR'S REPORT.

## STATEMENT OF APPROPRIATIONS AGAINST EXPENDITURES FOR 1897.

	APPROPRIATIONS.	EXPENDED.	UNEXPENDED.	IN EXCESS.
For pay of school teachers . . .	\$12,300 00			
dog tax, 1897 . . .	706 67			
school fund . . .	350 00			
Superintendent of schools . . .				
Janitors for schools . . .				
Text books and supplies . . .				
Incidentals for schools . . .				
Incidentals for school houses . . .				
Fuel for schools . . .				
Conveyance of pupils . . .				
Repairs of Southwest school house . . .				
Operating Southwest school 4 months . . .				
Fire department general expenses and repairs . . .				
For new hose . . .				
For pay of members and engineers . . .				
Extension of fire alarm . . .				
Water department hydrant service . . .				
Water loan sinking fund . . .				
Extension of water mains . . .				
	\$13,356 67	\$13,792 50		\$435 83
	1,200 00	1,200 00		
	1,568 00	1,584 08		16 08
	1,700 00	1,544 20	\$155 80	
	400 00	666 80		266 80
	900 00	970 26		70 26
	1,235 00	62 50	1,172 50	
	700 00	700 00		
	225 00			
	250 00		475 00	
	925 00	894 69	30 31	
	325 00	325 00		
	1,180 00	1,182 00		2 00
	300 00	326 42		26 42
	4,050 00	4,050 00		
	5,120 00	5,120 00		
	2,000 00	2,000 00		

Electric light dept., for street lights	\$8,425 00				
Revenue from light and jobbing	7,872 38			\$249 75	
Bal. of appropriation for new dynamo	2,781 37		\$19,629 00		
Appropriation for new stable	800 00				
Notes J. Perkins school house	.	3,100 00	3,100 00		
Notes Monatiquot school house	.	3,300 00	3,300 00		
Notes electric light	.	2,000 00	2,000 00		
Highways and bridges	\$6,500 00	7,500 00	7,966 99		\$466 99
Additional	1,000 00				
Removal of snow	.	1,500 00	1,441 26	58 74	
Town officers	.	3,480 00	3,517 66		37 66
Support of poor	.	4,000 00	3,817 47	182 53	
Night police	.	1,800 00	1,825 20		25 20
Janitor Town Hall and Library	.	600 00	600 00		
Town Hall	.	175 00	620 28		445 28
Town lands	.	275 00	284 36		9 36
Insurance	.	700 00	694 91	5 09	
Incidental expenses	.	2,000 00	2,493 96		493 96
Collection and abatement of taxes	.	1,500 00	1,531 91		31 91
Court fees and expenses	.	100 00	251 62		151 62
<i>Amounts carried forward</i>	.	\$87,343 42	\$87,493 07	\$2,329 72	\$2,479 37

AUDITOR'S REPORT—Continued.

	APPROPRIATIONS.	EXPENDED.	UNEXPENDED.	IN EXCESS.
<i>Amounts brought forward</i>	\$87,343 42	\$87,493 07	\$2,329 72	\$2,479 37
Public Library . . . . .	800 00	800 00		
Distributing books . . . . .	100 00	100 00		
Grand Army of the Republic . . . . .	175 00	175 00		
Soldiers' relief . . . . .	400 00	422 32		22 32
Soldiers' aid, chap. 279 . . . . .	100 00	144 00		44 00
Hillside road . . . . .	1,050 00	1,074 77		24 77
Widening Washington street . . . . .	1,745 00	1,672 96	72 04	
Concrete sidewalks . . . . .	1,000 00	49 20	950 80	
Painting public buildings . . . . .	800 00	818 76		18 76
	\$93,513 42	\$92,750 08	\$3,352 56	\$2,589 22



## AUDITORS' REPORT.

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We, the undersigned, auditors for 1897, being unable to be present during the auditing of all the accounts of the various departments, authorized our colleague, Mr. Daniel Potter, to audit and prove the said accounts in our absence, and believe the same has been thoroughly and conscientiously done. We, however, have only signed and approved such accounts as we have personally examined and verified.

L. W. MORRISON,  
CHAS. G. SHEPPARD,  
*Auditors.*

February 9, 1898.

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The undersigned made their annual visit to the almshouse and found the property appraised (schedule of same in detail on file at the Selectmen's office) in good order and condition under the management of Mr. and Mrs. Litchfield.

DANIEL POTTER,  
L. W. MORRISON,  
*Auditors.*

February 1, 1898.

## INSURANCE ACCOUNT.

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Insurance in force from December 31, 1897.

	On Buildings.	On Contents.	Total.
Monatiquot School	\$27,000 00	\$1,500 00	\$28,500 00
Perkins School .	27,000 00	3,000 00	30,000 00
Union School .	8,000 00	500 00	8,500 00
Pond School .	9,050 00	900 00	9,950 00
Middle St. School	800 00		800 00
Town Hall . .	19,100 00	900 00	20,000 00
Almshouse . .	9,000 00	2,200 00	11,200 00
Almshouse barn .	1,100 00		1,100 00
Electric Light Station . . .	4,569 00	11,681 00	16,250 00
Union Engine House . . .	1,800 00		1,800 00
Butcher Boy House . . .	1,000 00		1,000 00
Wampatuck hook and ladder house	1,000 00		1,000 00
Boiler insurance :			
Town House . .	5,000 00		5,000 00
Electric Light .	10,000 00		10,000 00
Perkins School .	10,000 00		10,000 00
	<hr/> \$134,419 00	<hr/> \$20,681 00	<hr/> \$155,100 00
Electric Light Department :			
“Liability” em- ployes . . .	\$5,000 00		5,000 00
“Liability” public	10,000 00		10,000 00
Totals .	<hr/> \$149,419 00	<hr/> \$20,681 00	<hr/> \$170,100 00

## COLLECTOR'S ACCOUNT.

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N. F. HUNT, Collector.

*Dr.*

Balance due on tax of 1894 .	\$399 24	
Interest collected on tax of 1894	61 45	
	<hr/>	\$460 69

*Cr.*

Principal paid Treasurer . .	\$399 24	
Interest paid Treasurer . .	61 45	
	<hr/>	\$460 69

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*Dr.*

Balance due on tax of 1895 .	\$982 62	
Interest collected on tax of 1895	58 97	
	<hr/>	\$1,041 59

*Cr.*

Principal paid Treasurer . .	\$874 52	
Interest paid Treasurer . .	58 97	
	<hr/>	\$933 49

Balance due from Collector.		<hr/> \$108 10
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*Dr.*

Balance due on tax of 1896 .	\$18,276 24	
Interest collected on tax of 1896	400 22	
	<hr/>	\$18,676 46

<i>Amount carried forward . .</i>		<hr/> \$18,676 46
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100

<i>Amount brought forward,</i>			\$18,676 46
	<i>Cr.</i>		
Principal paid Treasurer . . .		\$17,125 63	
Interest paid Treasurer . . .		400 22	
		<hr/>	\$17,525 85
Balance due from Collector.			<hr/> <hr/> \$1,150 61

DANIEL POTTER,  
L. W. MORRISON,  
CHARLES G. SHEPPARD,  
*Auditors.*

BRAINTREE, Jan. 24, 1898.

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FRANK A. SMITH, Collector.

	<i>Dr.</i>		
Total tax, 1897 . . .		\$86,877 47	
Interest collected . . .		18 25	
		<hr/>	\$86,895 72
	<i>Cr.</i>		
Principal paid Treasurer . . .		\$57,360 82	
Interest paid Treasurer . . .		18 25	
		<hr/>	\$57,379 07
Balance due from Collector on Tax, 1897 . . .			\$29,516 65

DANIEL POTTER,  
L. W. MORRISON,  
*Auditors.*

BRAINTREE, Jan. 25, 1898.



## THAYER PUBLIC LIBRARY.

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If the usefulness of the library is to be measured by the constantly increasing number of books borrowed—and we know of no better criterion—there is every reason to be satisfied with its record during the past year, as appears by the detailed statistics given in the librarian's report, which show a large increase in this respect over any previous year.

Aiming to keep its shelves supplied with standard books in the various departments of literature, we have also endeavored as far as possible to meet the special wants of readers calling for books not on the catalogue, by furnishing them.

But such cases are not frequent, and we may confidently look forward to the time when they will cease altogether under a continuance of the fostering care which has uniformly been shown by the town for our Free Public Library since it was founded.

ASA FRENCH,  
F. A. HOBART,  
N. H. HUNT,  
E. WATSON ARNOLD,  
HENRY A. JOHNSON,

*Trustees.*

## LIBRARIAN'S REPORT.

Number of days the Library was open	280
Number of volumes borrowed	29,002

Of this number, 26,396 were for home use and 2,606 for use in the Library.

Average daily issue	103+
Largest daily issue, (April 10)	293
Smallest daily issue, (January 4)	4

The number of volumes circulated of each class is as follows :

History	906
Biography	626
Travel	834
Science and art	1,002
Literature	113
Fiction	17,374
Poetry	519
Juvenile	4,162
Miscellaneous	860
Reference	2,606

Number of bound volumes added	466
Number of pamphlets	286
Photographs, manuscripts, etc.	6
Names registered during the year	244
Total number registered	5,553
Whole number of bound volumes in the Library	11,655

A. M. ARNOLD,

*Librarian.*

## GIFTS TO THE LIBRARY, 1897.

Bates, Samuel A., 4 photographs of the old Thayer home-  
stead, Thornbury, England.

Bates, Frank Amasa, voting list of Braintree, 1855.

Bates, Frank Amasa, enrollment of the citizens of Braintree.  
 Bates, Frank Amasa, between the ages of 18 and 45, Aug. 4,  
 1862, manuscript.

	Bound Volumes.	Pamphlets.
Bates, Frank Amasa, . . . . .	1	
Bureau of Education, W. S. . . . .		1
Butts, Miss L. M. . . . .	2	
Board of Public Reservation . . . . .		1
Department of Foreign Affairs, Hawaii . . . . .		1
Forbes Library, Northampton, Mass. . . . .		1
Hoar, George F. . . . .		1
Illinois State Historical Society . . . . .		1
King, Henry F., Newton, Mass. . . . .		1
Kirby, Albert K., N. Y. . . . .		1
Lombard, Miss Julia . . . . .	2	
Lodge, Henry Cabot . . . . .		1
Loring, B. J. . . . .		1
Metropolitan Water Board, Boston . . . . .	1	
McCormick, H., Chicago . . . . .	1	
Massachusetts State Documents . . . . .	5	1
Nixon, Mrs. W. G., Christian Science Journal, 1897.		
Pratt, Franklin S. and Herbert, Boston . . . . .		1
Smith, R. B., Chicago . . . . .		1
Steward, J. F., Chicago . . . . .	1	
Stetson, George R., Washington, D. C. . . . .		1
Stokes, Anson Phelps . . . . .	1	
Syracuse Central Library, N. Y. . . . .		2
Tufts Library, Weymouth . . . . .		1
Thurston, Lorrin A., Hawaii . . . . .		1
Thayer, Misses Susanna and Sarah H. . . . .	3	
Winthrop, Robert C., Jr., Boston . . . . .	1	
Whympers, Edward, London, Eng. . . . .		1

## TREASURER'S REPORT.

## RECEIPTS.

Cash in Braintree Savings Bank	\$462 07	
Received of Town Treasurer, town appropriation . . . .	800 00	
Received of Town Treasurer, in- terest on note . . . . .	400 00	
Received of Librarian, for fines	33 66	
Received of Librarian, for cata- logues, etc. . . . .	75	
Received of Braintree Savings Bank, interest . . . . .	1 68	
	<hr/>	\$1,698 16

## EXPENDITURES.

Paid Abbie M. Arnold, Li- brarian . . . . .	\$400 00	
Paid Abbie M. Arnold, assistant	100 00	
Paid Abbie M. Arnold, inci- dentals . . . . .	7 92	
Paid Estes & Lauriat, books .	446 89	
F. J. Barnard & Co., bind- ing books . . . . .	57 51	
F. W. Nash & Co., library cards and labels . . . .	11 00	
Wm. H. Guild & Co., magazines . . . . .	40 05	
C. J. Maynard, book .	1 50	
Home Science Pub. Co., magazine . . . . .	1 00	
C. H. Hobart, insurance .	54 00	
Town of Braintree, elec- tric lights . . . . .	28 62	
	<hr/>	
<i>Amount carried forward,</i>	\$1,148 49	



<i>Amount brought forward</i>	\$1,148 49	
Town of Braintree, water	11 00	
Geo. W. Prescott & Son, Braintree Observer .	2 00	
Geo. W. Prescott & Son, printing . . . . .	18 75	
J. H. Kaser, inspecting boiler . . . . .	2 00	
Thomas B. Stoddard, glaz- ing . . . . .	2 90	
Weymouth & Braintree Pub. Co., advertising .	2 00	
O. M. Rogers, elbows and funnel . . . . .	2 86	
W. A. Torrey, stationery, New York & Boston Ex- press Co. . . . .	1 20	
John R. Carmichael, re- pairs on heater . . . .	30	
Woodsum Express Co., expressage . . . . .	4 15	
	<hr/>	\$1,197 10
Cash in Braintree Sav- ings Bank . . . . .		501 06
		<hr/>
		\$1,698 16

N. H. HUNT, *Treasurer*,

December 31, 1897.

## FIRE DEPARTMENT.

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### Chief Engineer's Report for the Year ending Dec. 31, 1897.

*To the Honorable Board of Selectmen:—*

GENTLEMEN:—I herewith submit my Annual Report of the Fire Department for the year ending Dec. 31, 1897, together with some recommendations for the ensuing year.

#### FORCE OF DEPARTMENT.

The Department consists of a Chief Engineer and two Assistants, thirty-six (36) hosemen and twenty-four (24) ladder men, divided into five (5) companies of twelve (12) men each.

#### ROLLING STOCK.

The rolling stock of the Department consists of three (3) hose jumpers, two (2) hose wagons, one (1) hose and ladder wagon, and two (2) hook and ladder trucks, which are in good repair, with the exception of Hook and Ladder No. One and Hose Wagon No. Two. Also two (2) hand engines, which, thanks to the Veteran Associations, are in first-class repair.

#### HARNESSES.

At the present time the Department are sadly in need of harnesses for the several pieces of apparatus, there being under the system now in use most valuable time lost in getting harnesses to fit the wagons, and, as seconds count on getting to a fire, I would recommend the town purchase harnesses, so when we are called upon we can respond with less delay than with the system now in use.

## FIRE ALARM.

This branch of the system has been in poor working order the most of the time for the past year and I would suggest something different for battery power in the near future, both as a matter of economy and efficiency.

## FIRE ALARMS LOSSES AND INSURANCE.

The loss by fire for the year ending December 31, 1897, is as follows: Losses on buildings, \$35,105; losses on contents, \$11,887.75; value on buildings, \$90,960; value on contents, \$38,450; insurance on buildings, \$75,200; insurance on contents, \$27,525. Number of alarms, twenty-one (21) divided as follows, one general alarm, two second alarms, three alarms where hose was used, eight alarms where chemicals were used and three where no apparatus were used, one false, three for fire in woods which should be abolished as it takes the apparatus from one to two miles beyond the hydrant service and leaves the village unprotected, and three where no alarm was sounded.

## HOUSES.

The engine houses have all been painted the past year, and are in first-class condition outside. I would recommend a small appropriation to complete the repairs on inside of same.

## HOSE.

The town is sadly in need of more hose, as the supply on hand is inadequate to the needs of the department. The Town purchased 700 feet the past year, but with hose continually giving out, it keeps the department handicapped all the time, but if the department had hose so when we have a fire we could have dry hose to supply the wagons, and not have to get hose from other parts of the town, as we have to at the present time, leaving the same at times with less than 1,000 feet of hose in the house. I therefore recommend the town appropriate a sum sufficient to supply the same.



## INVENTORY OF PROPERTY.

## HOSE HOUSE No. 1.

Our hand engine and jumper, one hose and ladder wagon, 1,700 feet of cotton rubber-lined hose, 50 feet of cotton, half-inch hose, 4 lanterns, 6 belts, 12 spanners, 3 axes, 2 hydrant gates, 3 hydrant wrenches, 10 coats, 5 pipes and nozzles, 4 fire hats, 4 fire extinguishers, 1 plaster hook, 1 iron bar, 2 horse blankets, 64 feet of ladders and 15 badges.

## HOSE HOUSE No. 2.

One hand engine and jumper, one hose wagon, 1,450 feet of cotton rubber-lined hose, 50 feet of cotton half-inch hose, 1 iron bar, 2 hydrant gates, 3 hydrant wrenches, 2 axes, 1 plaster hook, 4 pipes and nozzles, 3 lanterns, 4 fire hats, 9 coats, 3 belts, 12 spanners, 2 horse blankets and 15 badges.

## HOOK AND LADDER, NO. 2.

One hook and ladder truck, 186 feet of ladders, 2 shovels, 2 roof hooks, 3 lanterns, 2 iron bars, 3 ropes, 6 buckets, 2 axes, 1 pole hook, 12 coats, 4 fire hats, two fire extinguishers, 15 badges, and 2 horse blankets.

## HOSE HOUSE, NO. 3.

One hose wagon, 1 hose jumper, 1,650 feet of cotton rubber-lined hose, 50 feet half-inch hose, 2 hydrant gates, 3 hydrant wrenches, 4 pipes and nozzles, 2 fire extinguishers, 1 axe, 1 iron bar, 1 plaster hook, 11 coats, 4 fire hats, 6 belts, 12 spanners, 4 lanterns, 15 badges, and 2 horse blankets.

## HOOK AND LADDER NO. 1.

One hook and ladder truck, 130 feet of ladders, 17 buckets, 2 lanterns, 11 coats, 2 forks, 2 axes, 3 pole hooks, 2 ladder dogs, 15 badges, and 2 horse blankets.



## LIST OF PROPERTY OF THE BOARD OF ENGINEERS.

Three rubber coats, 2 fire hats, 3 lanterns, 30 pounds of oil of vitriol, 25 pounds of soda,  $\frac{3}{4}$  gross bottles for fire extinguishers.

## APPROPRIATIONS.

To meet the expenses of the department for the ensuing year, I would recommend the following appropriations for salaries: For engineers, firemen and stewards, \$1,255; for expenses, care of fire alarm, engine houses, apparatus and incidentals, \$800; for repairs of engine houses, \$100; for new hose, \$1,000; for change in battery for fire alarm, \$300; for harnesses, \$250; for repairs on apparatus, \$100.

Respectfully submitted,

O. B. BATTLES,

*Chief.*

## RECORD OF FIRES FOR THE YEAR 1897.

Jan. 3 at 2.15 A. M., box 46. False alarm; Hose 2 and Hook and Ladder 2 responded.

Jan. 18 at 5.25 P. M., box 43. Chimney fire in dwelling house on Hancock street, South Braintree, owned and occupied by Thomas Malley; value of building, \$600; insurance on building, \$400; loss on building, none; value of contents, \$300; insurance on contents, none; damage to contents, none; Hose 2 and Hook and Ladder 2 responded.

Jan. 19 at 9.05 A. M., box 32. Fire in dwelling on Vine street, North Braintree, owned and occupied by Mrs. Louisa A. Gore; value of building, \$5,500; insurance on building, \$4,500; damage to building, \$75; value of contents, \$3,000;

insurance on contents, \$2,500; damage to contents, none; Hose 3 and Hook and Ladder 1 responded; cause of fire, from kitchen range.

Jan. 19 at 2.10 P. M., box 34. Fire in house on Washington Street, Braintree, owned and occupied by Mrs. Harriet A. J. Shaw; value of building, \$6,000; insurance on building, \$5,200; damage to building, \$10; value of contents, \$3,000; insurance on contents, \$2,000; damage to contents, \$22.75; cause of fire, lace curtain igniting from match in chamber.

Jan. 21 at 2 P. M. No alarm; fire in house on Washington Street, owned and occupied by Elisha Morse; value of building, \$3,000; insurance on building, \$2,500; damage to building, \$20; value of contents, \$800; insurance on contents, \$250; damage to contents, none; cause, chimney fire.

Jan. 27 at 1 A. M., box 29. Fire in stables on Commercial Street, owned and occupied by Joshua Wilkins; value of buildings, \$4,500; insurance on buildings, \$4,000; damage to buildings, \$3,300; value of contents, \$4,800; insurance on contents, \$4,500; damage to contents, \$3.350; cause of fire, unknown; Hose No. 1 responded.

March 12 at 4.25 P. M., box 42. Fire on Union street, South Braintree; house owned by N. Y., N. H. & H. R. R. Co., and occupied by Michael Frasier as dwelling; value of building, \$300; insurance on building, none; damage to building, \$3; value of contents, \$150; insurance on contents, none; damage to contents, none; cause of fire, sparks from locomotive. Hose 2 responded.

March 14 at 8.58 A. M., box 41. Fire on Middle street, in dwelling owned and occupied by Augustus B. Joan; value of building, \$1500; insurance on building, \$1,500; damage to building, \$7; value of contents, \$500; insurance on contents, none; damage to contents, none; cause of fire, chimney fire. Hose 2 and Hose 3 responded.

March 17 at 6.45 A. M., box 42. Fire on Central avenue, in dwelling owned by heirs of Henry Wadsworth, and occupied by Sydney A. Tilden; value of building, \$2,500; damage to building, \$25; insurance on building, \$2,700; value of contents, \$800; insurance on contents, none; damage to contents, \$10; cause of fire, overheated stove. Hose 2 and H. & L. 2 responded.

April 6 at 2 P. M. No alarm; Union Church, East Braintree; value of building, \$24,000; insurance on building, \$19,500; damage to building, \$65; value of contents, \$4,000; insurance on contents, \$3,000; damage to contents, none; cause of damage, lightning; no fire.

April 20 at 12 P. M., box 47. Fire at King Hill House, owned and occupied by Hiram A. French; value of buildings, \$4,500; insurance on buildings, \$3,000; damage to buildings, \$4,500; value of contents, \$2,000; insurance on contents, \$1,425; damage to contents, \$2,000; cause of fire, unknown.

June 19 at 1 P. M., box 23. General alarm for fire in Union Church, East Braintree; value of building, \$24,000; insurance on building, \$19,500; damage to building, \$24,000; value of contents, \$4,000; insurance on contents, \$3,000; damage to contents, \$2,500; cause of fire, supposed to have caught from locomotive.

Heirs of Amos Stetson; value of building, \$1,000; insurance on building, \$1,000; damage to building, \$65; value of contents, \$1,600; insured for \$1,400; damage, none.

July 5 at 12 P. M., box 29. Second alarm for fire in what was known as the Sally Hunt House near Factory Hill, East Braintree, and owned by C. N. Wallace; value of building, \$400; insurance on building, \$200; damage to building, \$400; value of contents, none; cause of fire, incendiary; Hose 1 and 3 and Hook and Ladder 2 responded.



Sept. 10 at 4.45 P. M., box 43. House owned by Elisha Thayer and occupied by C. J. Richards and E. C. Saulpaugh off Pearl street, South Braintree; value of building, \$2,800; insurance on building, \$2,400; damage to building, \$50; value of contents, \$2,000; insurance on contents, \$1,200; damage to contents, \$45; cause of fire, oil stove; Hose 2 and Hook and Ladder 2 responded.

July 21, no alarm. House on Plain street, occupied by Levi Belmore: value of contents, \$500; insurance on contents, \$400; damage to contents, \$5; cause of fire, overturning oil lamp.

Oct. 19 at 8.45 A. M., box 43. Fire in store of C. S. Hannaford on Holbrook Avenue, and owned by F. A. Hobart; value of building, \$5,000; insurance on building, \$5,000; damage to building, \$10; value of contents, \$1,600; insurance on contents, \$1,600; damage to contents, \$65; cause of fire, stove pipe falling.

Oct. 18 at 10.15 P. M., box 46. Woods fire near lumber camp.

Oct. 19 at 6 P. M., box 46. Woods fire near lumber camp.

Oct. 20 at 5.35 P. M., box 46. Woods fire near lumber camp.

Nov. 21 at 11.45 P. M., box 46. Fire on Washington Street, Mayflower Park, known as Bottling Works, and owned and occupied by L. E. Beverley and W. E. Coutcher; value of building, \$1,500; insurance on building, \$1,000; damage to building, \$1,500; value of contents, \$3,000; insurance on contents, \$1,000; damage to contents, \$3,000; cause of fire, probably incendiary; Hose No. 2 and Hook and Ladder No. 2 responded.

Nov. 22 at 8.50 P. M., box 34. Fire in dwelling on Washington street, Braintree, owned by Mrs. M. M. Wales.



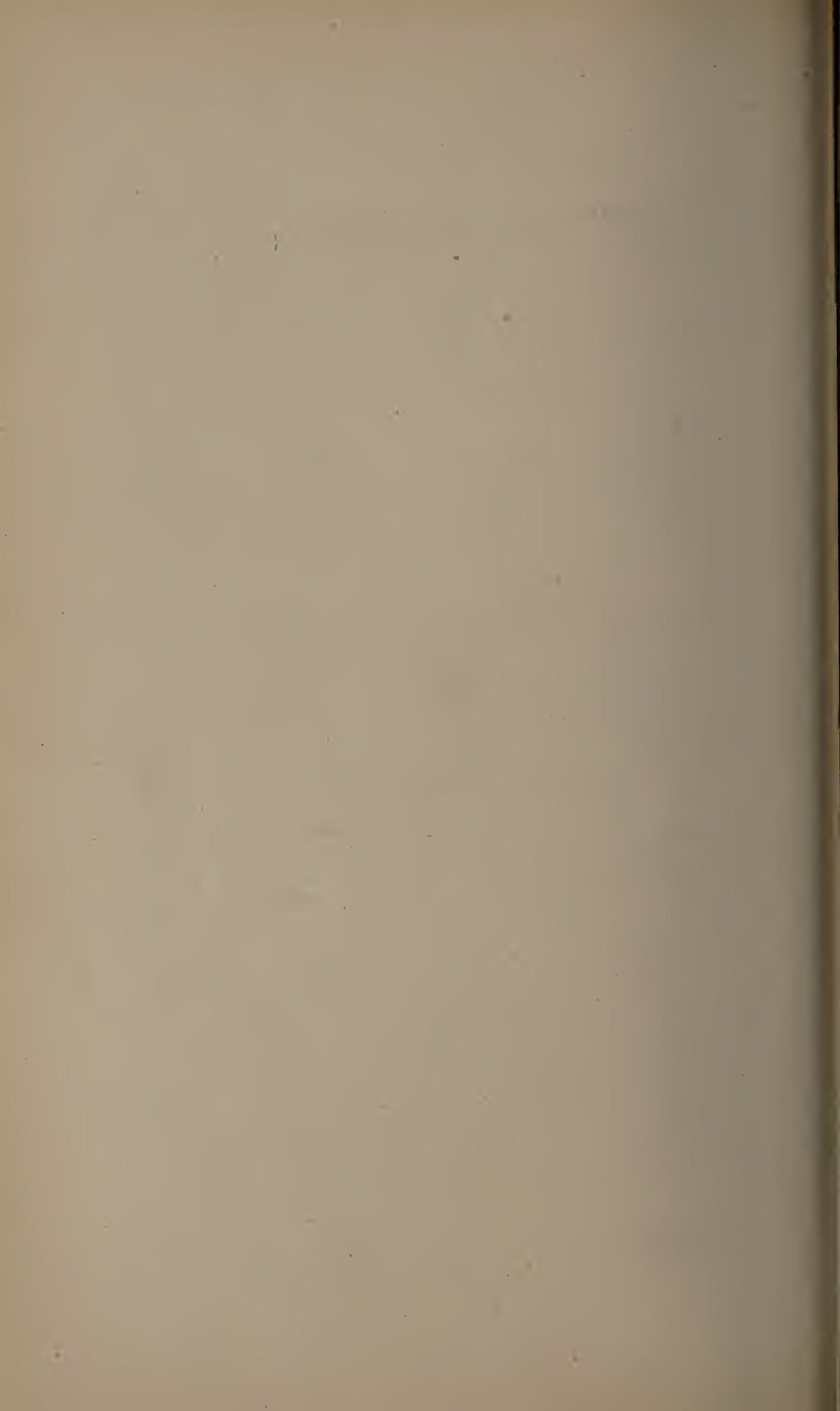
and occupied by Peter Ness ; value of building, \$2,100 ; insurance on building, \$1,700 ; damage to building, \$15 ; value of contents, \$1,200 ; insurance on contents, \$750 ; damage to contents, \$15 ; cause of fire, hanging lamp exploded ; Hose No. 1 and Hook and Ladder No. 2 responded.

Dec. 19 at 8.45 A. M., box 31. Second alarm ; fire on Middle street, in barn owned by heirs of A. Morrison and occupied by A. S. Morrison and Bros. ; value of building, \$900 ; insurance on building, \$600 ; damage to building, \$250 ; value of contents, \$700 ; insurance on contents, none ; damage to contents, none ; cause of fire, probably incendiary ; Hose No. 1, No. 2 and No. 3 and Hook and Ladder No. 1 responded.

Dec. 19 at 9 P. M. No alarm ; fire in dwelling on Washington street, Braintree, occupied by Annie C. Hayden ; value of contents, \$3,500 ; insurance on contents, \$3,000 ; damage to contents, \$25 ; cause of fire, lamp shade catching fire from lamp.

Dec. 23 at 9.40 P. M., box 23. Fire in dwelling owned and occupied by William Kelley on by-way off Quincy avenue, East Braintree ; value of building, \$710 ; insurance on building, \$500 ; damage to building, \$710 ; value of contents, \$800 ; insurance on contents, \$500 ; damage to contents, \$800 ; cause of fire, defective chimney.

Dec. 29 at 3.40 P. M., box 43. Fire on Pearl street, South Braintree, in cement house in rear of factory owned by E. P. Pond and occupied by Rice & Hutchings ; value of building, \$150 ; insurance, none ; damage, \$100 ; value of contents, \$200 ; insurance, none ; damage, \$50 ; cause of fire, accidental.



**TOWN OF BRAINTREE.**

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**The Electric Light  
Department.**

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**January 1, 1897, to January 1, 1898.**





# LIGHT DEPARTMENT.

BRAINTREE, January 1, 1898.

During the past year no extensions have been made to the street lighting system. The street lights have been run all night on the moon schedule, and house lights have been run all night every night. The number of consumers at the beginning of the year was 187. The number added during the year was 41. Seven have been discontinued for removals and for non-payment of bills for light. There are at present 221 consumers, 215 by meter and six on contract.

The price charged during the year is six mills per hour for 16 candle power lamps.

The following are the charges for light-meter rent and jobbing for the year 1897 :—

For light . . . . .	\$5,748 62	
Meter rent . . . . .	231 25	
Jobbing . . . . .	1,892 51	
Amount due from consumers at the beginning of the year .	2,512 29	
Total accounts receivable .	<u>                    </u>	\$10,384 67

*Credit.*

By cash received and paid Treasurer . . . . .	\$6,990 63
Balance due from consumers Jan. 1, 1898	\$3,394 04

## APPROPRIATIONS FOR 1897.

For street lighting . . . .	\$8,425 00	
Balance of appropriation for dy- namo . . . . .	2,781 37	
Appropriation for new stable and store house . . . .	800 00	
Appropriation of revenue for operating expenses . . . .	7,872 38	
	<hr/>	\$19,878 75

## ELECTRIC LIGHT DEPARTMENT.

Paid 52 pay rolls . . . . .	\$5,857 83	
Henry A. Monk, insurance	310 97	
General Electric Co., new dynamo . . . . .	2,500 00	
General Electric Co., sup- plies . . . . .	1,031 09	
Pettingell, Andrews Co., supplies . . . . .	1,205 51	
A. J. Richards & Sons, coal	806 54	
A. J. Richards & Sons, hay and grain . . . . .	79 51	
J. F. Sheppard & Sons, coal	1,909 88	
J. F. Sheppard & Sons, cedar posts . . . . .	5 00	
Braintree & Weymouth St. Ry. Co., belt . . . . .	172 10	
Fore River Engine Co., la- bor and supplies . . . .	638 05	
Ambler & Hobart, hay and grain . . . . .	134 73	
	<hr/>	
<i>Amount carried forward,</i>	\$14,651 21	

<i>Amount brought forward,</i>	\$14,651 21
Paid F. W. Barry, Beale & Co., books . . . . .	3 25
Westinghouse Electric Mfg. Co., meters and supplies	76 40
Stanley Electric Mfg. Co., transformers . . . . .	423 14
A. W. Harris Oil Co., oil .	7 50
Quincy Electric Light & Power Co., pole . . . . .	3 00
Thomas South, shoeing and repairs of teams, etc. .	50 37
Joshua Wilkins, use of team	22 00
A. W. Baker, expressing .	113 18
Roberts Iron Works, cast- ings for furnaces . . . . .	11 24
E. Kendall & Sons, castings for furnaces . . . . .	2 65
Charles River Iron Works, castings for furnaces .	11 03
Walworth Mfg. Co., sup- plies . . . . .	11 72
Salem & South Danvers Oil Co., oil and waste .	133 29
A. W. Chesterton, supplies for steam plant . . . . .	14 36
Alverdo H. Mason, printing	9 75
Fort Wayne Electric Corp., meters and transformers	547 75
Baker Hardware Co., sup- plies . . . . .	71 54
Globe Gas Light Co., sup- plies . . . . .	12 35
<i>Amount carried forward,</i>	<hr/> \$16,175 73

<i>Amount brought forward,</i>	\$16,175 73
<b>Paid C. H. McKenney &amp; Co.,</b>	
fixtures . . . . .	79 07
United Electric Improve- ment Co., supplies .	51 68
Crefield Electric Works, wire . . . . .	19 95
Charles A. Scherien, repairs of belt . . . . .	7 00
H. H. Thayer, shoeing and repairs . . . . .	2 35
Union Glass Co., globes .	29 50
Weymouth & Braintree Publishing Co., printing	16 00
Charles O. Miller, carpenter work and poles . . . .	74 34
J. B. Rhines & Co., lumber and posts . . . . .	23 82
M. H. Dingee & Co., oil .	45 80
Brown's Express, expressing	3 13
National Carbon Co., car- bons . . . . .	325 00
Wm. H. Gallison, supplies for steam plant . . . .	28 83
Elmer H. Vinton, carting poles . . . . .	5 00
F. O. Whitmarsh, mason work and supplies . . .	55 53
N. E. Telephone Co., use of telephone . . . . .	13 00
John M. Walsh, repairs of teams . . . . .	48 22
Claus Ahlf, repairs of teams	46 00
<i>Amount carried forward,</i>	<hr/> \$17,049 95



<i>Amount brought forward,</i>	\$17,049 95
<b>Paid Mrs. Rose Frampton, cloth</b>	50
J. M. Arnold, axe . . . .	1 00
P. D. Holbrook, Treasurer, sinking fund . . . .	\$430 00
W. A. Torrey, postage stamps . . . . .	10 80
E. Van Norden, ventilators	47 00
Gilmore Electric Co., re- newal of lamps . . . .	14 97
Ashford Baker, use of team	3 00
E. Bourk, expressing . . .	3 00
Gem Mfg. Co. soap powder	5 96
Electric Gas Lighting Co., jobbing supplies . . . .	21 29
Frank A. Bates, jobbing supplies. . . . .	5 98
Vacuum Oil Co., oil . . . .	16 44
Dexter Brothers, paint . . .	11 50
W. M. Jordan, expressing.	9 10
Eastern Electric Cable Co., wire . . . . .	19 50
Braintree Water Dept., water . . . . .	131 60
Bryan Marsh Co., lamps . . .	54 60
Pratt & Pratt, printing . . .	3 00
W. H. Johns, supplies for steam plant . . . . .	1 40
Howe, Brown & Co., tools.	5 46
C. D. Harlow, supplies . . .	4 93
Braintree Poor Farm, hay . .	20 55
Frank E. Stetson, poles . . .	20 00
Smart & Spencer, repairs of damper . . . . .	10 90
<i>Amount carried forward,</i>	<hr/> \$17,902 43

<i>Amount brought forward,</i>	\$17,902 43	
Paid W. I. Jordan, iron work .	20 90	
C. S. Knowles, wire . . .	25 19	
Mrs. L. F. Perry, hose wagon and harness. . . .	75 00	
W. P. Mercer, paid freight	1 10	
B. H. Woodsum Co., drain pipe . . . . .	5 96	
George E. Fogg, labor of men and teams . . . .	54 50	
H. M. White, supplies . .	44	
Chandler & Farquar, hard- ware . . . . .	5 78	
C. S. Hannaford, hard- ware . . . . .	1 11	
C. B. Cummings, Employes and Public Liability Ins.	282 00	
Hayward Brothers, contract for stable and shop. . . .	745 00	
American Electrical Works, wire and supplies. . . .	200 61	
J. F. Perry, stable rent . .	39 60	
J. F. Perry, freight bills and expense . . . . .	19 38	
A. O. Clark, one year's pay, 1896 . . . . .	\$250 00	
	<hr/>	\$19,629 00

## ELECTRIC LIGHT.

Station wages . . . . .	\$3,560 59
Distribution wages . . . .	714 25
Fuel . . . . .	2,716 42
	<hr/>
<i>Amount carried forward,</i>	\$6,991 26

<i>Amount brought forward,</i>	\$6,991	26	
Station tools and appliances .	75	18	
Distribution tools and appliances	541	53	
Office rent and expenses . .	142	43	
Water . . . . .	131	60	
Insurance on property . .	310	97	
Insurance from Employes and Public Liability . .	282	00	
Repairs of lines and lamps .	2,109	39	
Repair of electric plant . .	225	09	
Repair of steam heat . .	480	42	
Repair of real estate . .	60	82	
Oil and waste . . . . .	209	89	
Carbons and freight . . .	363	25	
Globes and freight . . . .	32	81	
Salary of manager . . . .	250	00	
			<u>\$12,206 64</u>

### JOBGING ACCOUNT.

Jobbing wages . . . . .	\$396	50	
Jobbing materials and supplies	1,146	22	
Incandescent lamps . . . .	284	45	
			<u>\$1,827 17</u>
Sinking fund account . . .			\$430 00

### EXTENSION ACCOUNT.

Addition to real estate . .	\$67	90	
New building for stable and store house . . . . .	786	50	
New construction steam plant .	50	39	
			<u>\$904 79</u>
<i>Amount carried forward,</i>			

<i>Amount brought forward,</i>	\$904 79	
Extension electric plant (new dynamo) . . . . .	2,726 29	
Extension of electric lines . . . . .	481 01	
Transformers . . . . .	553 60	
Meters . . . . .	499 50	
	<hr/>	\$5,165 19
		<hr/>
		\$19,629 00

### EXPENSE ACCOUNT FOR 1897.

Amount of charges as per schedule . . . . .	\$12,206 64	
Interest on notes, \$23,000 at 4 per cent. . . . .	920 00	
Interest on bonds, \$16,500 at 4 per cent. . . . .	660 00	
Interest on electric plant. Cost Jan. 1, 1898, \$64,351.67. less notes and bonds, \$39,500, \$24,851.67 . . . . .	994 06	
Depreciation on plant. Value June 30, 1897, \$51,093.47	2,554 68	
Inventory Jan. 1, 1897 (less jobbing supplies) . . . . .	900 65	
Unpaid bills Jan. 1, 1898 . . . . .	1,212 23	
Sinking fund, 1897 . . . . .	430 00	
	<hr/>	\$19,878 26

### *Credit.*

By charges for light and meter rent . . . . .	\$5,979 87	
Inventory of Jan. 1, 1898 (less jobbing supplies) . . . . .	684 85	
	<hr/>	
<i>Amount carried forward,</i>	\$6,664 72	



<i>Amount brought forward,</i>	\$6,664 72	
By Sundry bills paid. Account		
of 1896 . . . . .	350 00	
Sinking fund, 1897 . . . . .	430 00	
	<hr/>	\$7,444 72
		<hr/>
		\$12,433 54
Total cost of street lights . . . . .		\$12,433 54
Total number of arc lights . . . . .	93	
Total number of incandescent . . . . .	110	
Equivalent to 125 1200 candle		
power arc lights . . . . .		
Cost per year for 1 1200 C. P.		
arc light . . . . .	\$99 46	
	<hr/>	
By deducting repairs of lines		
and lamps . . . . .	2,109 39	
By deducting repairs on steam		
plant . . . . .	480 42	
By deducting repairs on electric		
plant . . . . .	225 09	
By deducting repairs on real		
estate . . . . .	60 82	
	<hr/>	\$2,875 72

Will reduce the cost of each arc light \$23 each, or to the cost of \$76.46 per light.

The books and accounts of the electric light department, A. O. Clark, Manager, for the year 1897 have been examined, and the same found correct with all vouchers furnished.

DANIEL POTTER, *Auditor.*

BRAINTREE, Feb. 4, 1898.

At the Annual Town Meeting, 1896, the manager was instructed to charge a minimum rate of ten dollars per year upon all services. Under the above vote there are fourteen consumers that have been charged sums from 59 cents to \$6.82, amounting in all to the sum of \$37.37, taking into consideration the cost to the town for connecting a consumer, i. e., a transformer and meter at a cost of about forty dollars, upon which it is required to charge interest at 4 per cent., and depreciation at 5 per cent., 9 per cent., in all, it seems to be equitable, as the lowest amount charged to any one consumer, viz., \$3.18, will not cover the interest and depreciation of a transformer and meter.

There are a few consumers that are delinquent in paying their bills and I would recommend that the town pass a vote instructing the manager to enforce the payment of bills for light and meter rent within a certain date on receipt of their bills, as a vote to that effect would have a tendency to make it easier for the manager in collecting the dues.

Respectfully submitted,

ANSEL O. CLARK, *Manager.*

## SINKING FUND.

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### ELECTRIC LIGHT LOAN OF 1893.

P. D. HOLBROOK, TREASURER ELECTRIC LIGHT LOAN SINK-  
ING FUND.

For the payment of bonds issued April 5, 1893, payable  
April 5, 1917.

*Dr.*

Dec. 31, 1896, to amount of sink- ing fund . . . .	\$1,361 57	
To Town of Braintree, ap- propriation . . . .	430 00	
To Braintree Savings Bank, interest on deposit. . . .	37 22	
To Weymouth Savings Bank, interest on de- posit . . . . .	29 64	
	<hr/>	\$1,858 43

*Cr.*

Amount to credit of sinking fund, as follows:—

Braintree Savings Bank as per certificate . . . .	\$959 12	
Weymouth Savings Bank as per certificate . . . .	899 31	
	<hr/>	\$1,858 43

Sinking Fund Electric Light Loan of 1893, amounting to (\$1,858.43,) eighteen hundred fifty-eight and 43-100 dollars deposited in the Braintree and Weymouth Savings Banks as per certificate from the Treasurer of said banks.

DANIEL POTTER,  
CHARLES G. SHEPPARD,  
*Auditors.*

BRAINTREE, Feb. 7, 1898.



**REPORT**

**OF THE**

**THE TOWN CLERK**

**OF THE**

**TOWN OF BRAINTREE, MASS.**

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**1897.**

BRAINTREE, January 1, 1898.

In accordance with the usual custom the Town Clerk submits the following report:—

## BIRTHS IN 1897.

DATE.	NAME.	PARENTS' NAMES.
Jan.		
1,	William James Dwyer,	Cornelius and Kate (O'Neil)
5,	Katie Agnes McCarthy,	Daniel and Ellen (Ryan)
10,	Obed McPherson,	Thomas A. and Annie L. (Moore)
24,	Austin Melville Toner,	John and Amy (Sanford)
24,	Eustis Russell Toner,	John and Amy (Sanford)
24,	Gladdis Cassanda Tirrell,	Leon S. and Martha C. (Tirrell)
25,	Edna May Winot,	Spurgeon J. and Clara (Piercy)
28,	Bertha Laura Drysdale,	George and Laura (Drysdale)
31,	Mollie Marguerite Mc- Kean,	Walter N. and Bertha (Litchfield)
Feb.		
7,	Ruby Almira Collins,	Joseph W. and Susie E. (Clift)
11,	Helen — Simonds,	H. Willie and Claribel (Arnold)
16,	Hillman Betsey Bjorkman,	Peter and Ellen (Gustafsen)
17,	Laura Catherine Fehily,	Arthur and Mary A. (Murray)
19,	Allen Harriman Marden,	Harry G. and Fannie A. (Merrill)
19,	Muriel Eva Mason,	Ellery W. and Annie B. (Vance)
20,	Eva Gertrude Mansfield,	Francis and Etta M. (Beyett)
22,	Mary Ellen Flynn,	Morris E. and Josephine (Maher)
22,	George E. Pellerin,	Eli and Mary (Galarneau)
March.		
3,	Mary Elizabeth Lee,	James F. and Nora A. (Connell)
10,	Edward Joseph De Young,	Edward and Katie (Bennett.)
15,	—— Crathern,	Charles F. H. and Sarah G. (——)
15,	Lila Hazel Tripp,	Henry J. and Lila (Benham)

DATE.	NAME.	PARENTS' NAMES.
March.		
15,	Helen Gilman Smith,	Frank A. and Marion (Gilman)
16,	Everett Leon Rogers,	Simon and Mary (Pitts)
16,	Simon Jerry Rogers,	Simon and Mary (Pitts)
20,	George Irving Calloway,	George L. and Lizzie E. (———)
25,	Franz Wernner Klay,	Jacob and Mary (Winthrich)
27,	Clarence De Young,	Simon and Mary (Cote)
27,	Constance Kneeland,	Herbert F. and Minnie F. (Jones)
29,	Francis Ellis Goodnow,	Frederick and Mabel A. (Mann)
30,	Charles Neville Drink- water,	Edward H. and Anna Cora (Thayer)
31,	Harold Clifton Lane,	Michael J. and Marcella (Ma- guinnis)
31,	William Ferdon Shaw,	Willie H. and Mary V. D. (Ferdon)
April.		
1,	Oscar Granville Coy,	Granville E. and Isaline (Hayden)
18,	Viola Maud Fraser,	Robert and Catherine (Breen)
22,	——— Elyerson,	
24,	Andrew Francis Francis,	Patrick and Annie (Craven)
25,	Daniel Maloney,	Stephen and Mary (Delory)
28,	——— Benoit,	David and Zoe (Martin)
May.		
2,	Margaret May De Young,	Benjamin and Mary A. (Levangie)
6,	George Alfred Delory,	Simon and Annie (Delory)
7,	Ralph Austin Torrey,	Winfred A. and Josephine (Rogers)
13,	Eva Marion Bunker,	Edward P. and Kate (Hanlin)
17,	Elizabeth Marion Belmore,	Levi and Ella J. (Hickey)
20,	Jennie Kendall Dyer,	E. Webster and Annie J. (Downey)
22,	Ruth Faxon Arnold,	W. Ellsworth and Bessie M. (Mc- Kenzie)
23,	Wendell Ewing Houston,	William and Lizzie (Wyllie)
27,	Marion Frances Robery,	John P. and Tilda (Tellier)
30,	Cora DeCoste,	Robert and Alice (Sampson)



DATE. NAME.

PARENTS' NAMES.

June.

Marion Durell,	Alexander and Maggie (Durell)
4, ——— Lunan,	Daniel and Elizabeth (————)
6, Stillborn,	
7, Carl Harold White,	Herbert and Nora (DeCosta.)
14, Ellen Delia Pitts,	John and Annie (Vineu)
17, Esther Sophie Nelson,	Gustaf A. and Betsey (Peterson)
18, Alvin Russell Whittier,	Charles S. and Gertrude A. (Bridg- man)
19, Julian Cuthbert Packard,	Charles and Mary N. (Brioda)
22, Laura T. Sherman,	Amos and Elizabeth (Whitmarsh)
23, Ralph Cushing Hollis,	Orrin and Anna (McKellar)
28, Francis Russell Barrett,	Edward J. and Catharine (Cronin)

July.

1, Hannah Griffin,	John and Mary E. (McCarty)
5, Paul Frederick Jackson,	Fred and Eva (Osgood)
6, Herbert E. Barrett,	Herbert F. and Emma L. (Loring)
7, Lonise Maguire,	Andrew E. and Kate L. (Bentley)
7, Beaurice O. Hull,	John J. and Ida M. (Belyea)
8, Ray Clifton Call,	William and Bertha (Ewell)
11, Lena Gertrude Hunt,	Charles Q. and Maria (Harris)
20, Alice Sullivan,	John F. and Ann (Bentley)
21, Caroline Seaver Parker,	George S. and Mary Lizzie (Arnold)
26, Henry Frederick Willis,	James and Maria (Pitts)
30, Hannah Ann Buker,	Amos S. and Annie E. (Ross)
31, Edward Montlire Haskill,	Edward and Evelyn M. (Lovell)
31, Philip Edward Nixon,	William G. and Helen A. (An- drews.

Aug.

3, Josiah Oliver Battles,	Oliver B. and Mary J. (Sabine)
12, Arthur William O'Connor,	Arthur and Mary (Christie)
13, Mary Agnes Galvin,	John and Agnes (Quinn)
14, Rosa Delia Frazier,	Charles and Rozella (Breen)
15, Hattie Maud Levangie,	Benjamin and Eliza (De Young)
16, Lavinia E. Lovett,	James R. and Mary E. (Cram)

DATE,	NAME.	PARENTS' NAMES.
Aug.		
26,	Carroll Danite,	Angelo and Armena (Arleda)
30,	John Franklin Close,	John J. and Mary (Bennis)
Sept.		
1,	George Tilden Woodsum,	Wilford F. and Hattie L. (Philips)
2,	Hannah Margaret Barry,	David J. and Mary (Corcoran)
3,	Carl Joseph Dowd,	Morris and Teresa (Brioda)
4,	George Graham Goodwin,	Robert W. and Jennie H. (Martin)
7,	James Percy Gibbs,	Omar and Alice (McGouch)
8,	Gladdis Eleanor Parlee,	Edward F. and Inez A. (Thomas)
9,	——— Hall,	John H. and Hattie A. (———)
10,	Alice Louise McPhee.	Alfred and Frances E. (Dariole)
12,	Stillborn.	
14,	Dwight Hobart Prouty,	John A. and Emily L. (Clark)
14,	Michael Thomas O'Malley,	Thomas and Mary (McGrath)
14,	Clara Evelyn Freeman,	George and Agnes (Cochrane)
18,	Henri Stanley Long,	Joseph and Mary E. (Sweeney)
21,	Frederick William Tirrell,	William J. and Cora (Fessenden)
21,	Carlton Healey,	Arthur D. and Minnie (Myrick)
23,	Charles William Philip Gaudreau,	Joseph and Josephine (Gauron)
23,	Florence Immelda Lillian Gaudreau,	Joseph and Josephine (Gauron)
25,	Leo Vincent Monaghan.	Paul and Jennette M. (Ross)
30,	Catherine Margaret Don- nelly,	Peter C. and Catherine (O'Neil)
30,	Holley Stetson Winkfield,	H. Farida and May E. (Stetson)
Oct.		
4,	Edward Joseph Gogan,	James and Catherine (Lee)
6,	Edward William Wilson,	Benjamin F. and Minnie (Fisher)
10,	Frankie Benjamin Klause,	Frank and Sophia (Carpenter)
12,	Clarence Russell Gurney,	Maurice and Mary (Craven)
12,	Daniel Arthur O'Connor,	Charles and Abbie (Shea)
13,	Walter Henry Landry,	John and Annie (Mattie)
19,	Harry Irving Davis,	Edward N. and Hattie L. (Palmer)

DATE.	NAME.	PARENTS' NAMES.
Oct.		
19,	Grace Morrill Donahue,	Peter J. and Margaret T. (Morrill)
20,	Mildred Irene Burke,	John J. and Alice (Lynch)
28,	Ethel Melissa Piercy,	Fred W. and Jennie (Slack)
Nov.		
11.	Edmund Burke,	Michael and Mabel B. (O'Donnell)
14,	Michael John Gagen,	John and Nora (Craven)
18,	Thomas Edmund Burns,	Bernard and Johanna (Cadigan)
21,	James Blake O'Connell,	John and Hannah (Blake)
22,	Annabelle Drake,	David J. and Letitia (Ross)
24,	Warren Morris Warbur-	F. W. and Henrietta (Babbitt)
	ton,	
Dec.		
3,	Mary Louise Hobart,	George A. and Sarah J. (Hollins-
		head)
3,	Nettie Arvilla Hesselton,	William and Alice (Mellen)
4,	Paul Johnson,	Walter D. and Katherine (Turley)
4,	Pauline Johnson,	Walter D. and Katherine (Turley)
6,	George Alfred Newcombe,	George D. and Sarah B. (Buker)
8,	Marion Elaine Dee,	George and Mary (Finnegan)
11,	Mildred Georgie De Boer,	George and Olga M. (Arenstein)
14,	Charles Otis Dam,	William H. and Lizzie E. (Wilson)
14,	——— ——— Dam,	William H. and Lizzie E. (Wilson)
14,	James Edward McMahon,	James E. and Hannah (Quinn)
15,	Willard Francis Bond,	Francis D. and Mabel H. (Smith)
17,	Edith Frances Erwin,	George and Kate (Hennessey)
20,	Olive Marion Studley,	Charles W. and Emma J. (Reed)
20,	Elizabeth Lawless,	Frank and Martha (McIlreath)
25,	William James McDonald,	Peter and Mary (Martin)



## MARRIAGES IN 1897.

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DATE.	NAME.	AGE.	RESIDENCE.
Jan.			
27,	Frank Addison Bates,	27	Braintree.
	Margaret Weaver Potter,	21	Braintree.
Feb.			
4,	Pedro Gilberts Winkfield,	26	Braintree.
	Eva M. Curtis,	24	Weymouth,
16,	John Dillon,	25	Braintree.
	Katie Gallivan,	24	Braintree.
17,	Herbert Warren Woodworth,	26	Braintree.
	Sarah Naomi Sims,	21	Norfolk.
24,	Harry Warren Fisher,	26	Braintree.
	Alice Leona Richardson,	19	Braintree.
28,	Sanford Loring Damon,	21	Weymouth.
	Olive Rose Wright,	23	Braintree.
Mar.			
13,	Thomas P. Kiley,	30	Randolph.
	Alice Holbrook,	18	Randolph.
April			
9,	George Nelson Corthell,	24	Hingham.
	Hannah Roulston,	24	Braintree.
18,	William H. Learned,	39	Braintree.
	Lilla S. Cook,	33	Braintree.
22,	John Irvine,	30	Quincy.
	Margaret Ellen Conerton,	30	Braintree.



DATE.	NAME.	AGE.	RESIDENCE.
April.			
22,	James Henry Cross,	28	Brockton.
	Delia Loretta McMahon	25	Braintree.
22,	George H. Gilligan,	29	Weymouth.
	Mary C. Donovan,	37	Braintree.
30,	Thomas Sullivan,	41	Whitman.
	Ella A. (Munroe) Hollis,	42	Braintree,
May			
6,	William Wilbur Hesselton,	23	Braintree.
	Alice May Mellen,	22	Braintree.
June			
2,	Gilbert V. Pennock,	29	Braintree.
	Edith M. Tirrell,	29	Weymouth.
9,	Edward Asaph Haskell,	28	Newton.
	Jennie Frances Thayer,	26	Braintree.
22,	Joseph E. Hayden,	27	Braintree.
	Alice B. Witherell,	30	Braintree.
23,	John B. Dyer,	27	Brockton.
	Frances Emma Huston,	22	Braintree.
29,	William Joseph Hayes,	31	Braintree.
	Eliza Jane Walsh,	29	Braintree.
29,	Herbert Francis Pierce,	30	Braintree.
	Mary Florence Ela,	26	Quincy.
30,	William H. Sims,	24	Braintree.
	Addie A. Whitney,	27	Putnam, Conn.
July			
12,	George H. Hamblett,	37	Boston.
	Nellie E. Dyer,	31	Braintree.
14,	Frederick F. Griffin,	24	North Easton.
	Martha E. Miller,	23	Braintree.
16,	Horace F. Hunt,	36	Braintree.
	Isola A. Lang,	24	Brockton.
28,	Adelbert A. Palmer,	24	Braintree.
	Lizzie B. Ridley,	19	Cornville, Me.
Aug.			
8,	William T. McComick,	27	Braintree.
	Mary C. Howley,	22	Weymouth.

DATE.	NAME.	AGE.	RESIDENCE.
Aug.			
15,	Richard F. Sweeney,	20	Braintree.
	Charlotte E. Blakeley,	22	Weymouth.
10,	Willard Henry Sherman,	25	Braintree.
	Lucy Elizabeth Loring,	22	Braintree.
18,	Daniel J. Desmond,	27	Quincy.
	Mary J. Donahue,	21	Braintree.
25,	Joseph Wallace Young.	23	Braintree.
	Susie Jeanette Glover,	26	Braintree.
Sept.			
1,	John L. Delano,	30	Braintree.
	Mary G. Gould,	24	Hingham.
14,	Allen H. Rogers,	26	Braintree.
	Sara J. Damon,	29	Marshfield
21,	Harry Jenner,	28	Braintree.
	Nellie Cleary,	23	Braintree.
25,	Earle W. Wade,	23	Boston.
	Charlotte E. (Allen) Kingsley,	23	Boston.
30,	John M. Maher,	27	Braintree.
	Delia Agnes Scally,	23	Weymouth.
21,	Arthur Waters Burr,	30	Hingham.
	Grace Chandler Geddes,	23	Braintree.
Oct.			
5,	Henry D. Binney,	23	Weymouth.
	Sara Lizzie Hollis,	23	Braintree.
14,	Herbert Winslow Beals,	24	Holbrook.
	Florence O. Walsh,	23	Braintree.
20,	Solon A. Littlefield,	28	Brattleboro, Vt.
	Lilla F. Anderson,	29	Braintree.
23,	Horace E. Reed,	34	Skowhegan, Me.
	Bertha L. (Fairbrother) Wood,	22	Braintree.
31,	Albert T. Hollinshead,	22	Braintree.
	Hattie J. Dalton,	15	Braintree.
Nov.			
3,	Edwin H. Rudderham,	24	Braintree.
	Mary G. Delory,	24	Braintree.

DATE.	NAME.	AGE.	RESIDENCE.
<b>Nov.</b>			
3,	John R. Bean,	44	Braintree.
	Nellie Fuller,	37	Braintree.
7,	William E. Gorman,	22	Braintree.
	Mary A. Mullin,	20	Weymouth.
7,	Warren Moses,	23	Braintree.
	Mary Hollinshead,	20	Braintree.
24,	Charles F. Luce,	36	Braintree.
	Iva May Eagles,	23	Braintree.
24,	Alfred Dobson Teacles,	30	Somerville.
	Elizabeth Quinn,	28	Somerville.
23,	Frank W. Jackson,	30	Braintree.
	Lavina McKenna,	30	Canton.
<b>Dec.</b>			
2,	S. Freeman Whitmarsh,	73	Braintree.
	Mary Ann (Perkins) Blanchard,	69	Weymouth.
23,	George A. Arnold,	26	Braintree.
	Edith E. Cain,	21	Braintree.
24,	Henry William Delory,	21	Braintree.
	Jennie Florence Blanchard,	19	Weymouth.
28,	Herbert A. Porter,	20	Braintree.
	Hattie I. Stetson.	19	Randolph.
29,	William H. Moir,	48	Braintree,
	Nettie A. Trundy,	31	Braintree.

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Whole number of marriages, 53.

Birthplace of males.—Braintree, 6 ; Weymouth, 5 ; Randolph, 2 ; Quincy, 1 ; other places in Massachusetts, 20 ; Ireland, 5 ; British Provinces, 4 ; Maine, 5 ; Vermont and England, 2 each ; Scotland, 1. Females.—Braintree, 14 ; Weymouth, 9 ; Randolph, 2 ; other places in Massachusetts, 12 ; British Provinces, 7 ; Maine, 4 ; Ireland, 2 ; Connecticut and England, 1 each ; not known, 1.

Residence of males.—Braintree, 34 ; Weymouth, 3 ; Quincy, 2 ; Holbrook and Hingham, 1 each ; other places in Massachusetts, 10 ; Maine and Vermont, 1 each. Females.—Braintree, 33 ; Weymouth, 8 ; Randolph, 2 ; other places in Massachusetts, 7 ; Quincy, Maine and Connecticut, 1 each.

Marriages solemnized in Braintree, 27 ; Weymouth, 9 ; Quincy, 6 ; Dorchester, 2 ; Whitman, Canton, Marshfield, Everett, Brockton, Cohasset, Norfolk, Maine and Connecticut, 1 each.



## DEATHS IN 1897.

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DATE.	NAME.	BIRTHPLACE.	AGE.		
			Y.	M.	D.
Jan.					
4,	Ernest F. Preston,	Waitsfield, Vt.,	28	3	21
5,	Mary A. (English) Wood,	Ireland,	51	6	5
6,	Bridget (McSharra) McCormick,	Ireland,	77	3	—
7,	Edward Hunter,	Ireland,	52	—	—
13,	Ashie (Wilson) Lang,	Braintree,	40	11	9
14,	Josiah Warren Thayer,	Braintree,	85	1	1
16,	Susan A. (Green) Hollis,	Quincy,	82	4	18
19,	Howard W. Hollis,	Braintree,	—	6	12
19,	Mayna M. Keay,	Braintree,	1	5	—
22,	Michael Kenney,	Ireland,	65	—	—
23,	Bethiah W. (Newcomb) Witherell,	Wellfleet	62	7	9
26,	George Lambert,	Ireland,	35	—	—
30,	Lydia J. (Holbrook) Tupper,	Braintree,	36	5	—
Feb.					
1,	Russell F. Waitt,	Bristol, R. I.,	2	2	—
4,	Celia DeYoung,	Braintree,	1	2	22
16,	Ernest C. Lakin,	Braintree,	21	8	3
18,	John H. Hennessey,	Braintree,	—	6	17
19,	Lucien Dix Shaw,	Braintree,	1	2	—
25,	Michael Branley,	Ireland,	74	—	—
March.					
3,	Nora (Harrington) Reardon,	Ireland,	32	—	—
4,	Emily A. Ellsworth,	Bath, Me.,	74	10	25
6,	Ann (Hughs) Ahern,	Ireland,	46	11	22

DATE.	NAME.	BIRTHPLACE.	AGE.		
			Y.	M.	D.
March.					
10,	Samuel H. Cranston,	New Bedford,	65	—	—
20,	Samuel A. Bates,	Braintree,	74	11	25
21,	Daniel Fletcher Riordan,	Braintree,	—	2	27
23,	George E. Pelliren,	Braintree,	—	1	1
30,	Josephine Hickey,	Brockton,	4	8	10
April.					
2,	Antonio F. Long,	Braintree,	2	8	12
5,	James I. Lyons,	Boston,	12	2	5
12,	Aaron French Whitcomb,	Holbrook,	61	2	12
12,	Mildred O. Hull,	Braintree,	—	11	21
13,	Sophia J. (Young) Curtis,	Greenwood, Me.,	74	8	20
17,	Samuel Strong French,	Braintree,	78	8	27
19,	Henry M. Hollis,	Braintree,	69	1	6
23,	Laura Catherine Fihelly,	Braintree,	—	2	6
26,	Thomas Lang,	Scotland,	43	3	1
29,	Frederick L. Thompson,	Dover, N. H.,	23	8	7
May.					
4,	Elizabeth B. (Pratt) Whitmarsh,	Weymouth,	66	9	19
6,	Eveline (Crane) Hayward,	Milton,	89	5	17
9,	Mary (Mullin) Croke,	Ireland,	67	—	—
9,	Noah Torrey,	Groton,	78	4	16
17,	Willie Hadjin,	Boston.	6	9	—
18,	Everett Rogers,	Braintree,	—	2	3
21,	Alexander C. MacDonald,	Nova Scotia,	35	7	—
22,	John Healey,	Ireland,	60	—	—
22,	Michael McDermott,	England,	58	—	—
22,	Charles Henry Abell,	Braintree,	—	5	28
28,	George William Smith,	Braintree,	4	4	12
28,	Katie P. (Bishop) French,	Braintree,	45	5	25
June.					
6,	Sarah E. Young,	Cambridge,	31	6	25
6,	Stillborn,	Braintree,	—	—	—
7,	Mary Ann Ford,	Norwood,	43	10	9
5-8,	Unknown,	—————, about	55	—	—
10,	George Sidney Whiting,	Brockton,	59	6	17

DATE.	NAME.	BIRTHPLACE.	AGE.		
			Y.	M.	D.
June.					
11,	Annie Lambert,	Braintree,	—	5	19
13,	Washington Merritt,	Weymouth,	87	10	11
15,	Susan (Lewis) Thayer,	Lynn,	73	9	5
18,	John J. French,	Braintree,	74	11	5
26,	William B. Merritt,	Weymouth,	56	3	—
July					
2,	Samuel W. McConchen,	Randolph,	2	8	—
2,	John O'Keefe,	Ireland,	83	6	7
2,	Nathaniel F. T. Hayden,	Boston,	9	—	17
4,	Caroline H. (Hollis) Jones,	Braintree,	76	—	24
5,	Emma Winter,	England,	60	—	—
10,	Bridget Galvin,	Ireland,	94	—	—
10,	Ruby Kennedy,	Dedham,	4	4	13
13,	Herbert E. Barrett,	Braintree,	—	—	7
17,	Marinda S. (Howes) Jones,	East Dennis,	29	8	17
23,	Emilo C. Davis,	Braintree,	7	6	6
29,	Edward P. Hayward,	Braintree,	62	3	—
Aug.					
2,	Franklin Shaw,	Weymouth,	73	5	18
13,	Horace Dana,	Grafton, Vt.	80	2	9
19,	Mary J. Battles,	Charlottesville, P.E.I.	40	2	25
19,	Edna M. Wynot,	Braintree,	—	6	25
23,	Charles W. Nash,	Braintree,	—	8	10
27,	Eligthy S. Dean,	Taunton,	81	11	12
30,	Mary A. Rogers,	Jefferson, Me.,	78	8	27
30,	Emerson H. Hill,	Braintree,	—	9	15
Sept.					
3,	Theresa J. Decoste,	Braintree,	1	—	—
5,	Charlotte A. Thayer,	Sweden,	77	4	7
6,	Caroll Dauite,	Braintree,	—	—	10
7,	George A. Delory,	Braintree,	—	4	1
10,	Charles P. Page,	Bedford,	67	—	11
10,	Stillborn,	Braintree,	—	—	—
14,	Phebe D. Witherell,	Wellfleet,	38	1	7
17,	Laura A. Dickey,	Arlington,	16	7	1

DATE.	NAME.	BIRTHPLACE.	AGE.		
			Y.	M.	D.
Sept.					
21,	Joseph D. Bradford,	Braintree,	45	2	13
26,	Lawrence Bradbury Denbroeder,	Braintree,	9	5	5
26,	Martha A. Towler,	England,	51	—	—
Oct.					
4,	Albert W. Stetson,	Randolph,	54	9	—
12,	Eunice C. Arnold,	Braintree,	88	3	—
3,	(or about), James M. Peck,	New Brunswick,	38	1	—
19,	Roscius R. Walker,	Rockingham, Vt.	83	7	9
28,	Wendell E. Houston,	Braintree,	—	5	5
29,	Arthur L. Berry,	Braintree,	—	10	16
Nov.					
2,	Louisa A. French,	Bridgton, Me.,	83	3	28
5,	Hattie M. Levangie,	Braintree,	—	3	3
5,	Leonard W. Trumbull,	Dorchester,	74	7	8
7,	Elisha Morse,	Middleboro,	81	1	25
12,	Elizabeth Walker,	Rockingham, Vt.,	76	3	2
17,	George B. Lunt,	Bangor, Me.,	18	10	17
Dec.					
10,	Daniel Lunt,	Old Town, Me.,	80	3	—
11,	Edmund Burke,	Braintree,	—	1	—
15,	Oney McGuire,	Ireland,	80	—	—
22,	Samuel Freeman Whitmarsh,	Weymouth,	73	7	16
23,	Charles C. Webster,	Fryburg, Me.,	74	4	20
23,	Edwin H. Spear,	Rockland, Me.,	64	9	19
24,	Thomas Finnegan,	Ireland,	74	11	24
25,	— Dam,	Braintree,	—	—	11
27,	Elizabeth M. Frampton,	Charleston, S. C.,	78	5	8

Whole number of deaths in 1897, 110 ; males, 66 ; females, 44 ; single, 48 ; married, 41 ; widowed, 20 ; unknown, 1.

Birthplace.—Braintree, 43 ; other places in Massachusetts, 29 ; Ireland, 14 ; Maine, 8 ; Vermont, 4 ; England, 3 ; British Provinces, 3 ; Sweden, Scotland, New Hampshire, Rhode Island, South Carolina, 1 each ; unknown, 1.



Ages.—Under 1 year, 21; between 1 and 10, 14; 10 and 20, 4; 20 and 30, 4; 30 and 40, 7; 40 and 50, 7; 50 and 60, 8; 60 and 70, 12; 70 and 80, 19; 80 and 90, 13; over 90, 1. Average age, 40.2.

Burials in Braintree, 35; Weymouth, 27; Quincy, 13; Randolph, 8; Holbrook, 1; other places, 26.

Birthplace of parents.—Fathers.—Braintree, 14; other places in Massachusetts, 26; Ireland, 23; British Provinces, 15; Maine, 9; Vermont, 3; Scotland, 3; England, 2; Italy, 2; New Hampshire, Connecticut, New York, Russia, Sweden and East Indies, 1 each; not known, 7.

Mothers.—Braintree, 12; other places in Massachusetts, 29; Ireland, 24; British Provinces, 15; Maine, 9; Vermont, 3; New Hampshire, 2; England, 2; Scotland, 2; California, New York, Italy, Sweden and Russia, 1 each; not known, 7.

Diseases.—Pneumonia, 15; heart disease, 11; apoplexy, paralysis, septicæmia, 5 each; consumption, 7; meningitis and marasmus, 4 each; croup and cholera infantum, 3 each; diabetes, liver, brain, abscess, pyelitis, stillborn, scarlet fever, old age, paresis and cerebral embolism, 2 each; drowning, railroad accident, anæmia, inflammation, of lungs, cerebral hemorrhage, natural causes, diphtheria, tuberculous arthritis, asthma, convulsions, measles, cancer, acute monia, encephalitis, cystitis, gastric ulcer, strusis, colitis, inination, typhoid fever, enteritis, abdominal hysterectomy, suicide, dropsy, pleurisy, tumor and arterial stenosis, each; not known, 1.

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## EXTRACTS FROM PUBLIC STATUTES.

### Chapter 444, Acts of 1897.

SEC. 3. Physicians and midwives shall on or before the fifth day of each month report to the clerk of each city or town a correct list of all children born therein during the month next preceeding, at whose birth they were present.

Any physician or midwife neglecting to report such list for ten days after it is due shall for each offence forfeit a sum not exceeding twenty-five dollars.

SEC. 6. Parents shall within forty days after the birth of a child give notice thereof or cause such notice to be given to the clerk of the city or town in which such child is born. Every householder shall within forty days after the date of a birth occurring in his house give notice thereof, or cause such notice to be given to the clerk of the city or town in which he resides, and he shall also, within five days after the date of a death occurring in his house, give notice thereof or cause such notice to be given to the board of health, other than the selectmen, or if there is no such board, to the clerk of such city or town.

SEC. 14. Whenever the record relating to a birth, marriage or death in the records of any city or town does not contain all the facts required for record, or when it is alleged that the facts are not correctly stated in such record, the clerk of such city or town shall receive a deposition under oath, made by one who was required by law to furnish the information for the original record, or at his discretion, by three or more credible persons having knowledge of the case containing such facts as are desired for record.

If the foregoing provisions are strictly complied with, many of the errors such as have occurred in past records may be avoided and a more complete record obtained.

I hereby give notice that any of the before mentioned blanks may be obtained at the office of the Town Clerk.

HENRY A. MONK,

*Town Clerk.*

## TOWN RECORDS.

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NORFOLK, SS.    *To either of the Constables of the Town of  
Braintree.*    GREETING :—

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the inhabitants of the town of Braintree qualified to vote in town affairs to meet at the Town Hall, in said Braintree, on Monday, the first day of March next, 1897, at 7 o'clock in the forenoon to act on the following articles, namely :—

ARTICLE 1. To choose a Moderator to preside at said meeting.

ART. 2. To hear the report of the several town officers and act thereon.

ART. 3. To determine the manner of repairing the highways and bridges the ensuing year.

ART. 4. To choose all necessary town officers for the ensuing year. Also to vote on the following question "Yes" or "No," as required by Chapter 54 of the Acts of 1881, namely : Shall licenses be granted for the sale of intoxicating liquors in this town ; under this article the polls will be kept open until one o'clock P. M.

ART. 5. To see if the town will authorize the Treasurer, with the approval of the Board of Selectmen, to borrow money in anticipation of taxes.



ART. 6. To raise and appropriate such sums of money as may be necessary to defray the expenses of the town for the ensuing year.

ART. 7. To see if the town will accept the Jury List as prepared by the Selectmen.

ART. 8. To see if the town will vote to charge interest on all unpaid taxes after a certain date.

ART. 9. To see if the town will vote an appropriation and pay the same to Post 87, G. A. R., to assist in defraying the expenses of Memorial Day.

ART. 10. To see what compensation the town will vote to pay the members of the Fire Department the ensuing year.

ART. 11. To appropriate a sum of money for Hydrant service.

ART. 12. To appropriate a sum of money for the Water Loan Sinking Fund.

ART. 13. To appropriate a sum of money for the Electric Light Sinking Fund.

ART. 14. To appropriate a sum of money to convey pupils to and from the Public Schools.

ART. 15. To see if the town will vote to continue the system of Night Police, and appropriate a sum of money for the same.

ART. 16. To make necessary appropriations for operating the electric lighting system.

ART. 17. To see if the town will appropriate a sum of money to extend the fire alarm system.

ART. 18. To see if the town will appropriate a sum of money to repair the engine houses.



ART. 19. To see if the town will appropriate a sum of money to purchase new hose for the fire department.

ART. 20. To see if the town will adopt an amendment of article 9 of its By-Laws substantially as follows: The Town of Braintree hereby avails itself of the several provisions of the Statutes of the Commonwealth, now in force, relating to habitual truants and children between seven and fifteen years of age, who may be found wandering about in the streets, or public places therein, having no lawful occupation or business, not attending school and growing up in ignorance, and such children shall, upon conviction thereof, be committed by the court or tribunal to which jurisdiction of such offenses is given by the Statutes of the Commonwealth, to the Bristol, Norfolk and Plymouth Counties school at Walpole, for confinement, instruction and discipline. It shall be the duty of truant officers to keep a full record of all their official acts, and make an annual report thereof to the School Committee, who shall publish the same with their own report.

ART. 21. To see if the town will instruct the Board of Selectmen to take legal measures to prevent parties from doing a commercial lighting business without authority from the town, and also to instruct said board to order the removal of all poles and wires from the public streets which have been placed there without a permit from the town.

ART. 22. By request—To see if the town will vote to locate a fire alarm box at the junction of Stetson avenue and Elliot street, also to locate a box at the junction of Elm and Commercial streets.

ART. 23. To see if the town will elect a Board of Road Commissioners, as provided by Acts of the Legislature of 1893.

ART. 24. To see if the town will choose a Board of Health.

ART. 25. To see if the town will choose a Board of Assessors other than the Selectmen.

ART. 26. To see if the town will appropriate the sum of two thousand dollars for the purpose of extending the water mains.

ART. 27. To see if the town will authorize the Board of Water Commissioners to issue bonds, notes or script to the amount of two thousand dollars under the provisions of Chapter 312 of the Acts of the Legislature of 1896, which amount, if issued, will make the loan under said Act, authorized by the town, nine thousand dollars; the purpose of said loan is to defray the expense of lowering the pumps at the pumping station.

ART. 28. To see if the town will appoint a Committee to investigate the purchase of the combination wagon of Hose Company No. 1 or take any action in regard to the same.

ART. 29. To see if the town will choose a Committee in relation to abolishing grade crossings on Elm, School, River and Union streets.

ART. 30. To see if the town will appropriate a sum of money to establish three drinking fountains.

ART. 31. To see if the town will appropriate a sum of money to build a drain in Pearl street.

ART. 32. To see if the town will accept of Hillside road (so called) as a town way as laid out by the Selectmen and appropriate a sum of money to build the same.

ART. 33. To see if the town will appropriate a sum of money to extend the fire alarm system to Monatiquot Heights.

ART. 34. To see if the town will appropriate a sum of money for the relocating and widening of Washington street from Cart bridge to the residence of the late Capt. Isaac Dyer as ordered by the County Commissioners.

You are to give notice of this meeting by posting up true and attested copies, of this Warrant in not less than nine public places in this town, seven days at least before the time of said meeting, and by publishing once in the Braintree Reporter.

Hereof fail not and make return of this Warrant with your doings thereon, to the Town Clerk before the time of said meeting.

Given under our hands at Braintree this eleventh day of February in the year of our Lord one thousand eight hundred and ninety-seven.

ANSEL O. CLARK,  
WILLIAM W. MAYHEW,  
J. PARKER HAYWARD,

*Selectmen of Braintree.*

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BRAINTREE, Feb. 22, 1897.

NORFOLK, SS.

Pursuant to the within Warrant I have notified the inhabitants of the town of Braintree herein described to meet at the time and place and for the purposes within mentioned by posting up attested copies of this warrant in more than nine public places in said town of Braintree seven days before the time of said meeting and I have caused the said warrant to be published in the Braintree Reporter, once before the time set for said meeting.

HORACE FAXON,  
*Constable of Braintree.*

A true copy.

Attest :            HENRY A. MONK,  
*Town Clerk.*



BRAINTREE, March 1, 1897.

In accordance with the foregoing warrant, the meeting was called to order by Henry A. Monk, Assistant Town Clerk, and the following document read (the original of which is on file in Town Clerk's office) :—

BRAINTREE, MASS., March 1, 1897.

By reason of illness I shall not be able to be present and attend to the duties pertaining to my office of Town Clerk, at the annual town meeting to be held to-day and I therefore hereby appoint Mr. Henry A. Monk to be my assistant as provided in Section 4, Chapter 423 of the Acts of the year 1893.

SAMUEL A. BATES,  
*Town Clerk.*

Personally appeared Henry A. Monk and made oath that he would perform the duties pertaining to said office.

Before me,

ANSEL O. CLARK,  
*Justice of the Peace.*

The warrant was then read by Assistant Town Clerk.

ARTICLE 1. Upon ballot Mr. John V. Scollard was elected Moderator and sworn by Assistant Town Clerk.

ART. 4. Voted, To proceed to the choice of Town Clerk, Town Treasurer, three Selectmen (who shall be overseers of the poor) one Water Commissioner for three years (who shall also be Sinking Fund Commissioner), two members of the School Committee for three years, three Auditors, three Fence Viewers, and sixteen Constables.



Voted, On motion of Mr. Kelley, that after the election of the town officers and the appointment of such committees as may be ordered by the town that the Moderator declare the meeting to be adjourned to Monday, March 15, at 9 o'clock A. M.

Voted, On motion of Mr. E. E. Abercrombie that a committee of 13 be appointed on appropriations; that they take into consideration all articles of the warrant; that this committee be composed of persons not having charge of any department of the town.

Voted, On motion of Mr. A. O. Clark, that the ballot "yes or no" on the question of granting liquor licenses be taken at this time.

Mr. T. P. Harrison was appointed to receive "yes and no" votes, and was sworn by Assistant Town Clerk.

Voted, That the committee on appropriations be instructed to publish their report in the three local papers previous to the adjourned meeting.

Mr. A. H. Mason, C. A. Belcher, E. J. Thomas and Daniel Potter were appointed as tellers to assort and count votes, and were sworn by Assistant Town Clerk.

Voted, On motion of Mr. F. A. Hobart, that a committee, consisting of Geo. D. Willis, Asa French, E. E. Abercrombie, Ansel O. Clark, T. H. Dearing and John Kelley, be appointed to take into consideration the matter of combining with the office of Town Clerk such other offices as in their judgment will be a benefit to the town, and to recommend a salary to be paid for said office as combined; also to consider and report a salary to be attached to each office of the town not otherwise provided for by vote of the town. The above committee to report at the adjourned meeting, and said report to be first considered.

The Moderator announced the following as the committee on appropriations; Hon. Asa French, Chairman; George H.

Arnold, Frank O. Wellington, Willie H. Shaw, George D. Willis, Daniel Potter, John W. West, Charles C. Mellen, Fred O. Ellis, William Allen, Charles A. Belcher, Charles G. Sheppard, William A. McKean.

Mr. Brooks moved to add the names of John Kelley and E. E. Abercrombie.

Mr. Abercrombie moved to amend motion of Mr. Brooks, that the list as appointed by the Moderator be accepted. The amendment was adopted and the original motion as amended was passed.

Voted. On motion of Mr. Potter, that the polls be kept open until 1 o'clock p. m., and that they be closed at that hour.

At 1 o'clock the polls were declared closed.

Daniel Potter, for the tellers, reported the result of the ballot, as follows :

Whole number of ballots cast, three hundred and seventy (370), and were for the following persons, namely :—

For Town Clerk :—Blanks 2, Henry A. Monk 368, and he was declared elected and sworn by the Moderator. For Town Treasurer :—Blanks 3, C. O. Miller 1, P. D. Holbrook 366, and he was declared elected and sworn.

For Selectmen and Overseers of the Poor :—

Hobart 2, J. F. Bates 1, Thomas Croke 2, T. P. Harrison 1, A. L. Hobart 3, blanks 7, J. Parker Hayward 356, blanks 5, William W. Mayhew 362, blanks 10, Ansel O. Clark 360, and Ansel O. Clark, William W. Mayhew and J. Parker Hayward were declared elected and sworn.

For Water Commissioner for three years and Sinking Fund Commissioner :—

Blanks 2, James T. Stevens 368, and he was declared elected and accepted.

For School Committee for three years :—

John Kelly 1, blanks 2, George W. Stevens 368, blanks 5, Thomas A. Watson 364, and Thomas A. Watson and George W. Stevens of Tremont street were declared elected and sworn.

For Auditors :—

Joseph Crickney 1, M. F. Drinkwater 4, N. R. Proctor 1, blanks 2, Charles G. Sheppard 364, blanks 6, L. Willard Morrison 362, blanks 2, Daniel Potter 368, and Daniel Potter, L. Willard Morrison and Charles G. Sheppard were declared elected and sworn.

For Fence Viewers :—Frank Woodworth 4, blanks 1, Francis W. Crooker 366, blanks 2, Stillman F. Pratt 368, blanks 3, William A. Kane, 366, and Stillman F. Pratt, Francis W. Crooker and William A. Kane were declared elected. Pratt and Crooker were sworn; Kane declined.

For Constables :—

Horace Faxon 365, Christopher T. Bailey 364, Joseph W. Stetson 365, Leonard M. Hobart 366, James R. Qualey 359, John H. Macandrew 355, Conrad Mischler 364, John Gallivan 359, Charles C. Hill 358, John Kelley 362, Benjamin J. Loring 365, Henry Dugan, Jr., 357, J. Murray Knight 343, Edward M. Wight 359 were declared elected and sworn. Thomas Downey 353, George H. Holbrook 365, but they declined to serve. All others 17.

Shall licenses be granted for the sale of intoxicating liquors in this town? Whole number of votes 300. Yes 74. No 226.

Voted, To choose 5 surveyors of wood and weighers of hay, and J. Marcus Arnold, Peter B. Lawson, Martin L. Tupper, William Allen and Edward M. Wight were chosen and sworn.



Voted, To choose 3 surveyors of lumber, and Martin L. Tupper, Henry Gardner and George H. Holbrook were chosen and sworn.

Voted, That the Selectmen appoint one measurer of leather, one pound-keeper and three field drivers.

Voted, To adjourn this meeting to Monday, March 15, at 9 o'clock A. M.

A true record.

Attest:

HENRY A. MONK,

*Town Clerk.*

BRAINTREE, March 15, 1897.

The town met in accordance with adjournment from March 1st, 1897. Moderator in the chair.

Prayer by Rev. A. A. Ellsworth.

The following resolutions were presented by Hon. Asa French, and unanimously adopted.

*Resolved*, That the citizens of Braintree, in their annual town meeting assembled, have learned with deep regret that Samuel A. Bates, Esq., who has filled the responsible position of Town Clerk for the last twenty-five years, is unable longer to serve in that capacity by reason of failing health.

Possessed of a thorough knowledge of the complicated duties of the office, Mr. Bates has also been an enthusiastic and critical student of the early history of this ancient town, and has rendered invaluable service in bringing to light and verifying important incidents connected with that history, as well as by rectifying errors and supplying deficiencies in the official records.



We extend to him the thanks of the town for his long continued public services, and express the hope that the evening of his life may be peaceful and happy.

*Resolved*, That these resolutions be entered at large upon the records of the town, and that a certified copy of the same be transmitted to Mr. Bates by the Town Clerk.

ART. 4. Voted, To proceed to ballot for one fence viewer to fill the vacancy. On ballot, Mr. Thomas P. Harrison was declared elected and was sworn.

Voted, That two vacancies in the office of Constable be not filled, and that the number for the ensuing year be fourteen instead of sixteen, as voted on March 1.

Voted, To proceed to ballot for two Trustees of Thayer Public Library, and on ballot Mr. N. H. Hunt and Mr. E. W. Arnold were declared elected.

ART. 6. The Committee on Appropriations made their report through Daniel Potter, Secretary of said Committee.

Voted, To act on committee's report by sections.

ART. 2. Voted, That Article 2 be taken up.

Voted, To amend the School Committee's report on page 137, as follows: To read appropriation for 1896, \$19,150 instead of \$19,600 as reported by Committee.

Voted, To lay article 2 on the table.

Art. 6, The following appropriations were voted:

Salaries of teachers in addition to dog tax	
and school fund . . . . .	\$12,300 00
Superintendent . . . . .	1,200 00
Janitors, including cleaning and care of	
buildings during summer vacation . . . . .	1,568 00

Text books and supplies . . . . .	\$1,700 00
Incidentals for schools . . . . .	400 00
Incidentals and repairs for school houses . . . . .	900 00
Fuel . . . . .	1,235 00
Art. 14, Conveyance of pupils . . . . .	700 00
Art. 6, Repairs and furniture, South-west School . . . . .	225 00
Operating South-west School, 4 months . . . . .	250 00
Fire Department, for expenses, care of fire alarm, engine houses, apparatus and incidentals . . . . .	800 00
Art. 10, Pay of members, engineers, stewards and firemen . . . . .	1,180 00
Art. 18, Repairs on engine houses . . . . .	125 00
Art. 19, New hose . . . . .	325 00
Art. { 17, 22, To extend the fire alarm system 33. . . . .	300 00

Voted to take recess until 1 o'clock, at which time it was again called to order by the moderator.

Art. 11, For hydrant service . . . . .	4,050 00
Art. 12, For water loan sinking funds . . . . .	5,120 00
Art. 26, Extending water mains . . . . .	2,000 00
Art. 16, Electric Light Department, for operating the street lighting system . . . . .	8,425 00

The revenue derived from the commercial and domestic lighting, meter rents and jobbing be applied to pay \$430 for the sinking fund and the balance for operating expenses and connecting new users.

Art. 6, For sundry notes.

Jonas Perkins Schoolhouse	.	.	.	\$3,100 00
Monatiquot Schoolhouse	.	.	.	3,300 00
Electric light	.	.	.	2,000 00

Art. 3, Voted, To take up Article 3 for consideration.

ART. 3. Voted, That for the present year the highways be taken care of by a superintendent, to be appointed by the Selectmen; that said superintendent shall be paid for his services a sum not to exceed three dollars a day; that no bill in the highway department shall be approved for payment by the Selectmen or paid by the Treasurer unless such bill contain the approval of said superintendent: this is also to include all bills for removal of snow; that said superintendent shall make a complete report of the conduct of the highway department: said report to be printed in the town report.

Voted, That the highway department is hereby instructed to take advantage, as far as in their judgment they deem best, of the provisions of Chapter 513 of the Acts of 1896, to aid towns in the construction and maintenance of better roads.

ART. 6. Voted, That the sum of \$6,500 be raised and appropriated for highways, this amount to include salary of the superintendent: \$800 of said sum to be expended upon the sidewalks; all to be expended in accordance with the vote just passed under article 3.

ART. 29. The committee on grade crossings appointed last year reported progress.

Voted, To add two to that committee, and that they act under the same conditions as last year; the committee as now constituted are J. T. Stevens, N. E. Hollis, E. W. Arnold, B.



F. Dyer, George H. Arnold, George H. Weatherbee, Jr., and Frank O. Wellington.

ART. 28. Voted, That a committee of three be appointed to investigate the purchase of the combination wagon of Hose Co. No. 1, and report at the adjourned meeting. Moderator appointed John Cavanagh, William Allen and Edward Shay as that committee.

ART. 6. Voted. To appropriate \$1,500 for removal of snow.

Voted, To instruct the Selectmen to see that the Street Railway Company remove the snow in compliance with the provisions of their franchise.

Voted, That the section in the appropriation committee's report relating to Town Officers be passed over.

ART. 24. Indefinitely postponed.

ART. 25. Indefinitely postponed.

ART. 27. Indefinitely postponed.

ART. 6. Appropriation for support of poor, \$4,000.

ART. 15. Appropriation for night police, \$1,800.

Voted, That when we adjourn it be for one week at 7.45 o'clock P. M.

ART. 6. Janitor Town Hall and Library, \$600. Incidental expenses of Town Hall, \$175.

Voted, To refer the matter of town lands to a committee of three to investigate the needs of said lands, especially Plain Street Cemetery, and report, with recommendations, at the adjourned meeting; also to consider the price charged for burial lots.

Insurance on public buildings, \$700.



Interest on town debt, \$5,000.

Incidental expenses, \$2,000.

Voted, 'To adjourn to Monday evening, March 22, at 7.45.

A true record—Attest :

H. A. MONK, *Town Clerk.*

BRAINTREE, March 22, 1897.

The town met in accordance with adjournment from March 15. Moderator in the chair.

ART. 6. Voted, To appropriate the following sums of money :—

For abatement of taxes, \$1,500.

For court fees and expenses, \$100.

ART. 9. Voted, To appropriate the sum of \$175 and pay the same to Gen. S. Thayer, Post 87, G. A. R., to assist in defraying the expenses of Memorial Day.

ART. 6. For Thayer Public Library, \$800. For distributing library books, \$100. For Soldiers' Relief, Act of 1890, \$400. For State Aid, Chap. 279, P. S., \$100.

ART, 32. Voted, To accept Hillside Road as a town way as laid out by the Selectmen.

Voted, To appropriate the sum of \$1,050 for the construction of said road.

ART. 34. Relating to widening and re-locating Washington street as ordered by the County Commissioners.

Voted, On motion of Mr. Abercrombie, that the matter be referred to the Selectmen to investigate and report to the town at some future meeting some definite sum for the building of the street.

Voted, On motion of Mr. French, that the Selectmen be instructed, upon receipt hereafter, of notice from the County Commissioners appointing a hearing on an application to lay out a new highway, or to widen or straighten an existing highway within the limits of the town; to call a town meeting to be held before the return day of said notice to act upon said application.

ART. 6. Voted, To appropriate the sum of \$800 for painting public buildings, Town House, Engine Houses, Pond, Union and Monatiquot School Houses, and that the stock for the same shall be purchased by the town, the money to be expended under direction of the Selectmen.

ART. 30. Indefinitely postponed.

ART. 31. Indefinitely postponed.

ART. 8. Voted, On motion of Mr. Hobart, that interest be charged on all unpaid taxes after Dec. 1, 1897.

ART. 6. The committee to investigate the needs of town lands reported with recommendations.

Voted, To appropriate the sum of \$275 for town lands, \$250 of said amount to be expended at Plain Street Cemetery in accordance with the recommendations of the committee appointed to investigate the needs of said cemetery, the balance for other town lands.

Voted, On motion of Mr. Willis, that Plain Street Cemetery be all lotted up, and that the price to be charged for said lots be left discretionary with the Selectmen.

The committee appointed to consider the matter of the consolidation of town offices and to consider salaries to be paid town officers recommended the uniting of Town Clerk and Tax Collector with a salary of \$800 per year; after a lengthy discussion it was voted on motion of Mr. Kelley to indefinitely postpone the whole matter.

Voted, On motion of Mr. Potter, that a committee of three be appointed to examine the methods of book-keeping in all the departments of the town, and report to the town at some future meeting, said committee to serve without pay.

Voted, On motion of Mr. Hobart that a committee of three be appointed to transfer all records, papers and other property of the town from the late Town Clerk to the present one, and to also perfect the past records. The Moderator appointed Mr. A. O. Clark, John Kelley and H. A. Monk as that committee.

Voted, On motion of Mr. Abercrombie, that we take up the matter of salaries for town officers separately.

Voted, On motion of Mr. Abercrombie, as amended by Mr. Potter, that the salaries of the Selectmen be \$650 each per year.

Voted, On motion of Mr. Abercrombie, as amended by Mr. French, that the salary of the Treasurer be \$525 per year, to include all services rendered as Treasurer of the Town, Treasurer of Water Loan Sinking Funds, Electric Light Sinking Fund, etc.

Voted, To adjourn to Monday, March 29, 1897, at 7.45 o'clock P. M.

A true record.—Attest :

H. A. MONK,

*Town Clerk*

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BRAINTREE, March 29, 1897.

The town met in accordance with adjournment from March 22, 1897 at 7.48 o'clock moderator in the chair.



ART 6. The salaries of town officers being still under consideration. It was voted that the salary of the Town Clerk be fixed at \$500 per year for all services rendered the town in connection with his office exclusive of fees fixed by statute, said salary to include his services as Registrar of Voters.

Voted, That the combined salaries of the Auditors be fixed at \$100 per year.

Voted, That the salaries of Registrars of Voters be fixed at \$35 each per year.

Voted, That the Water Commissioners be paid out of the appropriation for town officers and that the amount be fixed at \$100 each per year.

Voted, To appropriate the sum of \$3,480 for town officers.

ART. 28. The committee appointed to investigate the purchase of the hose wagon at East Braintree reported without recommendations.

Voted, To refer the whole matter to the selectmen with instructions to reorganize the Board of Engineers if they deem it advisable.

Voted, On motion of Mr. Kelley, that all departments of the town are hereby instructed that in letting contracts they require closed bids on the same to be made and that bidders be notified of the time and place at which the bids shall be opened, and that said bids be opened in the presence of the bidders, the town reserving the right to reject any and all bids, and that all contracts for public work be done in accordance with Chap. 494 of the Acts of 1896.

ART. 20. Voted, To amend Art. 9 of the By-laws to read as follows: The Town of Braintree hereby avails itself of the several provisions of the Statutes of the Commonwealth now in force relating to habitual truants and children between seven and fifteen years of age, who



may be found wandering about in the streets or public places therein, having no lawful occupation or business, not attending school and growing up in ignorance, and such children as persistently violate the reasonable rules and regulations of the public schools; and such children shall upon conviction thereof, be committed by the court or tribunal, to which jurisdiction of such offences are given by the Statutes of the Commonwealth, to the Bristol, Norfolk and Plymouth Counties School at Walpole, for confinement, instruction and discipline. It shall be the duty of the Truant Officers to keep a full record of all their official acts and to make an annual report thereof to the School Committee, who shall publish the same with their own report.

Upon the request of Mr. Abercrombie and the unanimous consent of the meeting the following resolution was introduced and adopted:

*Resolved*, That it is the sense of this meeting that cheaper fares ought to be obtained between the several villages of this town and the city of Boston. That a committee of three be appointed to confer with the authorities of the N. Y., N. H. & H. R. R. Co. and endeavor to have them reduce the price of 100 rides and also to issue a 50-ride book.

Voted, On motion of Mr. May, that the committee serve without pay; moderator appointed E. E. Abercrombie, F. A. Hobart and D. G. Doane as that committee.

Voted, To adjourn to next Monday evening, April 5, at 7.45.

A true record—Attest:

H. A. MONK,  
*Town Clerk.*

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BRAINTREE, March 30, 1897.

The town having refused to elect assessors of taxes, the following named persons: Ansel O. Clark, William W.

Mayhew and J. Parker Hayward, the same being Selectmen of the town of Braintree, personally appeared before me this 30th day of March, 1897, and severally took the oath of office prescribed by the Public Statutes for assessors of taxes.

H. A. MONK,  
*Town Clerk.*

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BRAINTREE, April 5, 1897.

The town met in accordance with adjournment from March 29, 1897. Moderator in the chair.

ART. 29. Voted, On motion of Mr. Hobart that the name of Charles T. Crane be added to the committee on grade crossings.

ART. 7. Voted, On motion of Mr. Kelley, that the names of William Allen, Henry Gardner, J. Murray Knight, J. R. Laws and J. E. Sheridan be stricken from the jury list presented by the Selectmen.

Voted, To accept the list as amended.

ART. 5. Voted, On motion of Mr. Clark as amended by Mr. Abercrombie that for the purpose of procuring a temporary loan to, and for the use of the town of Braintree in anticipation of the taxes of the present municipal year the Town Treasurer is hereby authorized and directed to borrow from time to time with the approval of the Board of Selectmen a sum or sums in the aggregate amounting to \$60,000, and to execute and deliver the note or notes of the town therefor, payable within one year from the time the loan is made, with interest thereon at the lowest rate that can be procured at the time the loan is made. Any debt or debts incurred by a loan or loans to the town under this vote shall be paid from the taxes of the present municipal year.

ART. 34. Mr. Clark, Chairman of the Board of Selectmen reported on expense of relocating and widening a part of Washington street that the sum of \$1,745 would be necessary to do the work and moved that that sum be appropriated, which amount was voted.

The following resolutions were presented by Mr. George H. Arnold and adopted by the meeting, First,

*Resolved*, That it be declared the sense of the citizens of Braintree in Annual Town Meeting assembled that no franchises or additions to franchises already granted, or locations, re-locations or rights for turn-outs, switches, etc., be granted to any street railway company unless such companies shall agree to carry passengers any distance within the town for one fare of five cents or less, upon their own road and shall also arrange if possible for free transfers with any other roads operated within the town. Second,

*Resolved*, That it is the sense of the town that the Selectmen should prevent all street railway companies raising their tracks above the level of the streets and in all cases where tracks have been laid other than as directed in their franchises, such tracks shall be made to conform to the locations specified. Third,

*Resolved*, That the town does not approve of the granting of free passes to the Selectmen or other town officers.

ART. 3. Voted, On motion of T. H. Dearing. That in concurrence with the abutters, it shall be the duty of the Superintendent of Highways to care for and protect the shade trees that are upon the streets, and that no such trees shall be cut down or trimmed without his consent.

Voted, That the Selectmen require the Superintendent to have cut down and destroyed, all the wild cherry trees and other unsightly trees and bushes that are found upon our principal streets.



ART. 6. Voted, On motion of Mr. Willis. That the town raise and appropriate the sum of \$1,000 to be devoted to the building of concrete sidewalks and curbing of the same, said money to be spent in equal proportions in each of the three parts of the town, the abutters to pay  $\frac{1}{2}$  of the cost of work done, the work to be performed by and in the same order in which petitions for same are filed with the selectmen by abutters. Curbing to be of granite of usual quality and dimensions. Abutters desiring any special kind or design to pay whole of the increased cost of said kind and design.

Voted, To appropriate in the aggregate \$85,003 and that \$78,003 of that be assessed.

Voted, That the Selectmen have authority to draw orders on the Treasurer for \$2,300 for State Aid, Chap. 301, and for \$700 for hospital expenses.

Voted, On motion of Mr. Potter. That an appropriation made for any specific purpose shall not be exceeded during the ensuing year, and any part of an appropriation not used, shall not be used for any other purpose.

ART. 21. Voted, On motion of Mr. Scollard. That, whereas A. S. Morrison and others who were granted a franchise, dated Sept. 20, 1889, for the purpose of furnishing electric light to certain residences named in said franchise, have run wires over streets and set poles therein, not in accordance with and in excess of the terms of said franchise and, whereas, the said A. S. Morrison and others are now carrying on a general commercial lighting business without authority from the town, we, the citizens of Braintree, in annual town meeting assembled, protest against said parties carrying on a commercial lighting business, except as provided by the terms of the aforesaid franchise, dated Sept. 20, 1889.

Voted, That a committee of three be selected to consult with the Board of Gas Commissioners and the Attorney-General of the Commonwealth in reference to the rights of the



town in this matter; that said committee be authorized to take legal advice on the subject, and is hereby directed to make a report of the whole status of the case to the town at a date not later than October 1, 1897. Moderator appointed C. C. Mellen, John Cavanagh and F. O. Wellington as that committee.

ART. 4. Voted, That the collection of taxes be let out to the lowest bidder. Frank A. Smith agreed to collect the taxes for five mills on a dollar, and on ballot he was elected tax collector for the ensuing year.

Voted, on motion of Mr. Hobart, that the special committee on transfer of town records take such action as they deem proper to perfect the records of the late town clerk, and also, if they deem it necessary, apply to the legislature for an act legalizing the same.

ART. 2. Voted, To accept the report of the town officers as amended.

Voted, On motion of Mr. Kelley, as amended by Mr. Clark, that the assessors prepare and have printed in the town report, a list of the separate land holdings of the town, arranged by streets or public highways, in order, as the separate holdings are located on or near said streets or public highways, such list to show the assessors estimate of the amount of land in each holding, of its length of frontage on street or public highway, its assessed valuation and the name of its owner.

Voted to adjourn *sine die*.

A true record—Attest:

H. A. MONK,

*Town Clerk.*

BRAINTREE, April 13, 1897.

Mr. Hartley L. White's oath of office as superintendent of streets, executed before George H. Weatherbee, justice of the peace, was filed in this office this 13th day of April, 1897.

HENRY A. MONK, *Town Clerk.*

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COMMONWEALTH OF MASSACHUSETTS.

NORFOLK, ss.

SUPERIOR COURT,                    }  
May Sitting, Viz. : May 20, 1897. }

Upon the petition of Henry A. Monk, Town Clerk of Braintree, in said County, praying that the amendment to Article 9 of the By-laws of said Town as adopted by the inhabitants of said Town on the twenty-ninth day of March, A. D., 1897, may be approved by the Court, which article, as amended, reads as follows:—

The town of Braintree hereby avails itself of the several provisions of the Statutes of the Commonwealth now in force relating to habitual truants and children between seven and fifteen years of age who may be found wandering about in the streets or public places therein, having no lawful occupation or business, not attending school and growing up in ignorance, and such children as persistently violate the reasonable rules and regulations of the public schools, and such children shall, upon conviction thereof, be committed by the Court or Tribunal to which jurisdiction of such offences are given by the Statutes of the Commonwealth to the Bristol, Norfolk and Plymouth Counties School at Walpole for confinement, instruction and discipline; it shall be the duty of

the Truant Officers to keep a full record of all their official acts, and to make an annual report to the School Committee, who shall publish the same with their own report.

It is ordered by the Court that said By-law, as amended, be approved.

Attest :

LOUIS A. COOK, *Clerk*

A true copy—Attest :

HENRY A. MONK, *Town Clerk.*

### WARRANT FOR TOWN MEETING.

NORFOLK, SS. *To either of the Constables of the Town of Braintree.* GREETING :—

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the inhabitants of the town of Braintree qualified to vote in town affairs to meet at the Town Hall in said Braintree on Monday, the 27th day of September, 1897, at seven and one half o'clock in the evening, to act on the following articles, namely :

ARTICLE. 1. To choose a moderator to preside at said meeting.

ART. 2. To see if the town will vote to purchase the copy or the index to the Town Records as made by Samuel A. Bates.

ART. 3. To see if the town will vote to accept of Chapter 51 of the Public Statutes and the amendments thereto, in relation to betterments and other assessments on account of public improvements.



ART. 4. To see if the town will vote to extend the water system on West street to a point near the West Street School House and appropriate a sum of money for the same.

ART. 5. To see if the town will appropriate an additional sum of money to be expended for the repair of highways, and vote to transfer the unexpended appropriation made at the last annual Town Meeting for the construction of concrete sidewalks, to the repair of highways.

ART. 6. To see if the town will change or amend the vote passed at the last annual Town Meeting in relation to printing the valuation of land in the Town Report, or vote to have a survey and plans of the improved lands made for the purpose of enabling the assessors to fix a more correct valuation throughout the town.

ART. 7. To see if the town will provide suitable drainage on Hollis and Dearing avenues.

ART. 8. To see if the town will make an additional appropriation to build a stable and store room at the electric light station.

You are to give notice of this meeting by posting up true and attested copies of this warrant in not less than nine public places in this town, seven days at least before the time of said meeting, and by publishing once in the Braintree Bee.

Hereof fail not and make return of this warrant with your doings thereon to the Town Clerk before the time of said meeting.

Given under our hands this fifteenth day of September in the year of our Lord one thousand eight hundred and ninety-seven.

ANSEL O. CLARK,  
WM. W. MAYHEW,  
J. PARKER HAYWARD.

*Selectmen of Braintree.*



BRAINTREE, Sept. 25, 1897.

NORFOLK, SS. :

Pursuant to the within warrant I have notified the inhabitants of the town of Braintree herein described to meet at the time and place and for the purposes within mentioned by posting up attested copies of this warrant at more than nine public places in said town of Braintree, seven days before the time set for said meeting and I have caused the said warrant to be published once in the Braintree Bee before the time set for said meeting.

HORACE FAXON,

*Constable of Braintree,*

A true copy.—Attest :

HENRY A. MONK,

*Town Clerk.*

BRAINTREE, Sept. 27, 1897.

In accordance with the foregoing warrant the meeting was called to order at 7.30 o'clock P. M., by Henry A. Monk, Town Clerk, and the warrant for the meeting was read.

ARTICLE 1. Upon ballot Mr. John Kelley was elected Moderator, and sworn by the Town Clerk.

ART. 2. Taken up for consideration, Voted, To refer the same to the next annual meeting.

ART. 3. Taken up. Voted, To refer the same to the next annual meeting.

ART. 4. Taken up. Voted, On motion of Mr. E. E. Abercrombie to refer the matter to the Water Commissioners with instructions to act according to their best judgment.

ART. 5. Taken up. Voted, On motion of Mr. A. O. Clark as amended by Judge French that the sum of one thousand dollars (\$1,000) be appropriated for repair of highways.

ART. 6. Taken up. Voted, On motion of Mr. E. E. Abercrombie, as amended by Judge French, that the Selectmen be instructed to take no further action under the vote passed at the last annual meeting.

ART. 7. Voted, On motion of Mr. Daniel Potter that this matter be referred to the next annual meeting.

ART. 8. Taken up. Voted, On motion of Judge French that for the purpose of building a stable, store room and office at the electric light station the sum of eight hundred dollars (\$800) be appropriated, the same to include the sum of five hundred dollars (\$500) previously appropriated for that purpose.

Voted, That this meeting be now dissolved.

A true record.—Attest :

H. A. MONK,

*Town Clerk.*

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NORFOLK SS. *To either of the Constables of the Town of Braintree.*

GREETING :—

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the inhabitants of the town of Braintree qualified to vote in elections, to meet at the Town Hall in said Braintree on Tuesday, the second day of November, 1897, at six o'clock in the forenoon, to bring in their votes to the Selectmen for Governor of the Commonwealth, Lieutenant Governor, Treasurer and Receiver-General, Secretary of the Commonwealth, Auditor, and At-

torney-General for the Commonwealth, one County Commissioner, County Treasurer, and Register of Deeds for the County of Norfolk, Senator for the First Norfolk Senatorial District, two representatives to the General Court for District No. 6 of the County of Norfolk; all of the above votes to be on one ballot. The polls will be kept open until one o'clock P. M.

You are directed to serve this warrant by posting up attested copies thereof in not less than nine public places in this town seven days at least before the time of said meeting, and by publishing once in the Braintree Reporter.

Hereof fail not and make return of this warrant with your doings thereon, to the Selectmen before the time of said meeting.

Given under our hands at Braintree this twenty-first day of October, in the year of our Lord one thousand, eight hundred and ninety-seven.

ANSEL O. CLARK,  
WILLIAM W. MAYHEW,  
J. PARKER HAYWARD,

*Selectmen of Braintree.*

NORFOLK, SS.

BRAINTREE, October 23, 1897.

Pursuant to the within warrant I have notified the inhabitants of the town of Braintree herein described, to meet at the time and place and for the purpose within mentioned, by posting up attested copies of this warrant at more than nine public places in said town of Braintree seven days before the



time set for said meeting, and have caused the said warrant to be published once in the Braintree Reporter before the time set for said meeting.

HORACE FAXON,

*Constable of Braintree.*

A true copy—Attest :

HENRY A. MONK,

*Town Clerk.*

BRAINTREE, November 2, 1897.

In accordance with the foregoing warrant, the meeting was called to order and the warrant read by Ansel O. Clark, Chairman of the Board of Selectmen, who presided at the meeting.

W. A. Kane and Richard L. Arnold having been appointed ballot clerks.

John V. Scollard and Nathaniel F. Hunt, inspectors. Daniel Potter, Will H. Shaw, Thomas P. Harrison, Will W. Mayhew, Charles F. Cavanagh, Charles G. Sheppard, Charles A. Belcher and John H. Sullivan as tellers, were all sworn by the Town Clerk.

The Town Clerk delivered to the presiding officer the first set of ballots and received his receipt for the same.

The cards of instruction and specimen ballots were posted according to law.

The Clerk of the Board of Registrars furnished the presiding officer with a list of the qualified voters for the use of the Selectmen, and a duplicate copy for the use of the ballot clerks.

The polls were declared open at three minutes past six o'clock A. M.



Voted, That the polls be kept open until one fifteen o'clock P. M., and then closed, and at that time the polls were declared closed.

At the close of the balloting the presiding officer announced that 547 names had been checked by the ballot clerks, and that 547 names had been checked by the Selectmen.

At the close of the counting of the ballots he also announced that 547 ballots had been deposited, that they were all cancelled, and that they were for the following persons, namely :—

## GOVERNOR.

John Bascom, Pro. . . . .	5
Thomas C. Brophy, S. L. P. . . . .	5
William Everett, Dem. Nat. . . . .	31
George Fred Williams, Dem. . . . .	140
Roger Wolcott, Rep. . . . .	348
William Lloyd Garrison . . . . .	1
Blanks . . . . .	17
Total . . . . .	547

## LIEUTENANT-GOVERNOR.

Edward A. Buckland, S. L. P. . . . .	4
Christopher T. Callahan, Dem. . . . .	131
James E. Cotter, Dem. Nat. . . . .	33
W. Murray Crane, Rep. . . . .	340
Willard O. Wylie, Pro. . . . .	11
Torrey E. Wardur . . . . .	2
Blanks . . . . .	26
Total . . . . .	547

## SECRETARY.

Addison W. Barr, S. L. P. . . . .	7
Charles D. Nash, Dem. . . . .	125
William M. Olin, Rep. . . . .	347

Edward Sawtell, Pro.	.	.	.	.	.	.	7
Bernard M. Wolf, D. N.	.	.	.	.	.	.	28
Blanks	.	.	.	.	.	.	33
							<hr/>
Total	.	.	.	.	.	.	547

## TREASURER.

George A. Brown, S. L. P.	.	.	.	.	.	.	8
Robert C. Habberley, Pro.	.	.	.	.	.	.	5
Edward P. Shaw, Rep.	.	.	.	.	.	.	321
Horace P. Tobey, D. N.	.	.	.	.	.	.	28
Thomas A. Watson, Dem.	.	.	.	.	.	.	158
Blanks	.	.	.	.	.	.	27
							<hr/>
Total	.	.	.	.	.	.	547

## AUDITOR.

Joseph Ballam, S. L. P.	.	.	.	.	.	.	5
Harry Douglas, D. N.	.	.	.	.	.	.	28
John W. Kimball, Rep.	.	.	.	.	.	.	338
Joseph Henry Sheldon, Dem.	.	.	.	.	.	.	129
Herbert M. Small, Pro.	.	.	.	.	.	.	7
W. D. Trefry	.	.	.	.	.	.	1
Blanks	.	.	.	.	.	.	39
							<hr/>
Total	.	.	.	.	.	.	547

## ATTORNEY-GENERAL.

Wolcott Hamlin, Pro.	.	.	.	.	.	.	9
William Harrison, S. L. P.	.	.	.	.	.	.	9
Hosea M. Knowlton, Rep.	.	.	.	.	.	.	338
William W. McClench, D. N.	.	.	.	.	.	.	32
John A. O'Keefe, Dem.	.	.	.	.	.	.	126
Blanks	.	.	.	.	.	.	33
							<hr/>
Total	.	.	.	.	.	.	547

## COUNCILLOR SECOND DISTRICT.

Dana Estes, D. N. . . . .	28
Benjamin S. Lovell, Rep. . . . .	345
George O. Wentworth, Dem. . . . .	131
Blanks . . . . .	43
<hr/>	
Total . . . . .	547

## SENATOR FIRST NORFOLK DISTRICT.

Harrison O. Apthorp, D. N. . . . .	31
James H. Flint, Rep. . . . .	331
Tristram R. Newell, Dem. . . . .	141
Blanks . . . . .	44
<hr/>	
Total . . . . .	547

## REPRESENTATIVES IN GENERAL COURT, SIXTH NORFOLK DISTRICT.

Martin E. Hawes, Rep. . . . .	278
Edward B. Nevin, Rep. . . . .	317
Herbert F. Pierce, Dem. Nat'l . . . . .	80
John B. Whelan, Dem. . . . .	182
Blanks . . . . .	237
<hr/>	
Total, . . . . .	1,094

## COUNTY COMMISSIONER.

James Hewins, Dem. Nat'l, Dem., Rep. . . . .	412
M. F. Drinkwater . . . . .	1
Joe Crickmey . . . . .	2
James Pierson . . . . .	1
Blanks . . . . .	131
<hr/>	
Total . . . . .	547

## REGISTER OF DEEDS.

John H. Burdakin, Dem., Dem. Nat'l Rep.	. . . . .	413
Thomas B. Stoddard	. . . . .	1
M. F. Drinkwater	. . . . .	1
Blanks	. . . . .	132
Total		547

## COUNTY TREASURER.

Charles H. Smith, Dem., Dem. Nat'l Rep.	. . . . .	415
Ansel O. Clark	. . . . .	1
T. P. Smith	. . . . .	1
Blanks	. . . . .	130
Total		547

The returns were then signed and sealed, the ballots sealed according to law, and delivered to the Town Clerk, and the check lists sealed and delivered to the proper officer.

Voted that this meeting be dissolved, time four o'clock and five minutes P. M.

A true record.—Attest :

HENRY A. MONK,

*Town Clerk.*

BRAINTREE, Nov. 12, 1897.

The Town Clerks of Braintree and Weymouth met at the Town House in Braintree at 12 o'clock noon, and opened the returns for Representatives in the General Court for District No. 6, County of Norfolk and found the whole number of ballots were twenty-seven hundred and forty-six.



Martin E. Hawes of Weymouth had	.	.	.	1,002
Edward B. Nevin of Weymouth had	.	.	.	1,143
Herbert F. Pierce of Braintree had	.	.	.	187
John B. Whelan of Weymouth had	.	.	.	954

Martin E. Hawes and Edward B. Nevin were declared elected and the necessary certificates signed.

HENRY A. MONK,

*Town Clerk of Braintree.*

JOHN A. RAYMOND,

*Town Clerk of Weymouth.*

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## WARRANT FOR TOWN MEETING.

NORFOLK, SS. *To either of the Constables of the Town of Braintree,* GREETING :—

In the name of the Commonwealth of Massachusetts you are hereby directed to notify and warn the inhabitants of the Town of Braintree qualified to vote in town affairs to meet at the Town Hall in said Braintree on Wednesday the seventeenth day of November, 1897, at seven and one-half (7.30) o'clock in the evening, to act on the following articles, namely :—

ARTICLE 1. To choose a Moderator to preside at said meeting.

ART. 2. To see if the town will vote to extend the water system on Pleasant and Grove streets in accordance with plans made by the Superintendent of Water Works and appropriate a sum of money for the same.

ART. 3. To see what action the town will take with reference to a franchise granted by the Selectmen to the Quincy and Boston Street Railway Co., to lay tracks over the draw-bridge on Quincy avenue.

You are to give notice of this meeting by posting true and attested copies of this warrant in not less than nine public places in this town seven days at least before the time of said meeting and by publishing once in the Braintree Reporter.

Hereof fail not and make return of this warrant with your doings thereon to the Town Clerk before the time of said meeting.

Given under our hands at Braintree this ninth day of November in the year of our Lord one thousand eight hundred and ninety-seven.

ANSEL O. CLARK,  
WM. W. MAYHEW,  
J. PARKER HAYWARD,  
*Selectmen of Braintree.*

NORFOLK, SS.

BRAINTREE, November 10, 1897.

Pursuant to the within warrant I have notified the inhabitants of the town of Braintree herein described to meet at the time and place, and for the purposes within mentioned; by posting up attested copies of this warrant at more than nine public places in said town of Braintree, seven days before the time set for said meeting, and I have caused the said warrant to be published once in the Braintree Reporter before the time set for said meeting.

HORACE FAXON,  
*Constable of Braintree.*

A true copy.—Attest :—

HENRY A. MONK,  
*Town Clerk.*

BRAINTREE, November 17, 1897.

In accordance with the foregoing warrant the meeting was called to order at 7.30 o'clock P. M. The warrant was read by the Town Clerk. Mr. A. O. Clark was appointed to check the list and was sworn. Voted that three tellers be appointed to assort and count the votes for Moderator. Mr. A. C. Drinkwater, P. C. Spring, and A. L. Hobart were appointed and sworn.

ARTICLE 1. Upon ballot with the use of the check list, Mr. C. C. Mellen was chosen Moderator and sworn by the Town Clerk.

Voted that Article 2 be laid on the table and Article 3 be taken up.

ART. 3. Voted to sustain the action of the Selectmen in granting said franchise by a vote of 135 in the affirmative and 108 in the negative.

Mr. John V. Scollard gave notice that at a future meeting he should move a reconsideration of the vote just passed.

Voted to adjourn *sine die*.

A true record—Attest :

HENRY A. MONK,

*Town Clerk.*

## JURY LIST.

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As made out by the Selectmen Jan. 1, 1898.

NAME.	OCCUPATION.
Arnold, Franklin E.	Janitor.
Arnold, Richard L.	Clerk.
Arnold, J. Sargent	Provision Dealer.
Arnold, Henry F.	Farmer.
Bates, Andrew J.	Bank Trustee.
Bates, J. Franklin	Salesman.
Bates, Charles S.	Salesman.
Bates, Frank Albert	Plumber.
Belcher, Charles A.	Real Estate.
Bridgham, Stafford S.	Provision Dealer.
Coffey, John H.	Salesman.
Connell, James	Farmer.
Cuff, William H.	Machinist.
Cummings, Charles B.	Bookkeeper.
Cushing, Cyrus F.	Clerk.
Clapp, Charles W.	Auctioneer.
Currier, William H.	Machinist.
Dow, Willard E.	Electrician.
French, Azel R.	Clothing Dealer.
French, George G.	Farmer.
Fuller, George F.	Salesman.



NAME.	OCCUPATION.
Gallivan, Jeremiah F.	Shoe Cutter.
Gardner, Francis A.	Bookkeeper.
Hobart, Arthur L.	Electrician.
Hobart, Edward W.	Trader.
Hobart, Adam W.	Carpenter.
Hale, Edward A.	Railroad Employe.
Hollis, William A.	Farmer.
Hall, Elijah C.	Manufacturer.
Hayward, Jonathan P.	Contractor.
Harrison, Willam H.	Engineer.
Hunt, Nathaniel F.	Tax Collector.
Howland, Walter H.	Salesman.
Harrison, Thomas P.	Newspaper Man.
Knight, Bradford Y.	Carpenter.
Kelley, Hiram H.	Leather Dealer.
Leatherbee, James D.	Clerk.
Lothrop, Charles M.	Railway Conductor.
Mansfield, Henry W.	Grocer.
Mayhew, Will W.	Clothing Manufacturer.
Morgan, Frank H.	Druggist.
Morrison, Ibrahim	Manufacturer.
Mayhew, William W.	Manufacturer.
Monk, Henry A.	Town Clerk.
McRae, Augustus	Carpenter.
McNabb, James, Jr.	Farmer.
Osgood, George W.	Manufacturer.
Pennock, Frederick G.	Machinist.
Pierson, Edward O.	Railroad Employe.
Porter, Elbridge F.	Salesman.
Procter, Nehemiah R.	Grocer.
Randall, John F.	Clerk.
Richards, Charles G.	Clerk.

NAME.	OCCUPATION.
Sanborn, Richard M.	Plumber.
Shaw, Will H.	Clothing Manufacturer.
Sheppard, Charles G.	Coal Dealer.
Sullivan, Phillip H.	Student.
Stoddard, Edward G.	Painter.
Stocker, Robert R.	Cutter.
Sutton, John H.	Bookkeeper.
Shaw, Martin V. B.	Filter Factory.
Stevens, George W.	Bookkeeper.
Smith, Henry R.	Retired.
Shay, Edward	Blacksmith.
Thayer, David H. B.	Expressman.
Thomson, Caleb	Shoe Worker.
Tupper, Foster F.	Carpenter.
Tuttle, G. Henry	Engineer.
White, Jonathan F.	Bookkeeper.
Witherell, Whitefield	Farmer.
Whitcomb, Charles G.	Trader.
Woodsum, Rufus H.	Nail Maker.
Wetherbee, George H.	Civil Engineer.
Watson, Thomas A.	Manufacturer.

ANNUAL REPORTS

OF THE

SCHOOL COMMITTEE

AND

Superintendent of Schools

OF THE

TOWN OF BRAINTREE,

MASS.

For the Year Ending December 31, 1897.





## SCHOOL COMMITTEE.

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THOMAS A. WATSON, Chairman, Quincy Avenue, East Braintree. Term expires in 1900.

ALBION C. DRINKWATER, Vice-Chairman, Elm Street, Braintree. Term expires in 1898.

MRS. A. M. BROOKS, Franklin Street, South Braintree. Term expires in 1898.

\*HENRY L. DEARING, M. D., Washington Street, Braintree. Term expires in 1899.

MRS. CARRIE F. LORING, Front Street, East Braintree. Term expires in 1899.

GEORGE W. STEVENS, Tremont Street, South Braintree. Term expires in 1900.

\*Resigned September 23, and William C. Harding, Hollis Avenue, Braintree, was elected to fill the vacancy November 8, at a joint meeting of the School Committee and Board of Selectmen.

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IRVING W. HORNE, Secretary and Superintendent, Hollis Avenue, Braintree.

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### *Meetings of Committee.*

Second Monday of each month at three o'clock, P. M., at the Monatiquot building, Washington Street, Braintree.

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### *Office Hours of Superintendent.*

MONATIQUOT BUILDING.

Mondays, from 4 to 4.30 P. M.

Tuesdays and Thursdays, from 8 to 8.30 A. M.

Fridays, from 11.45 A. M. to 12.15 P. M.

### ***Schools in Session.***

1897, Sept. 7 to Dec. 23; 1898, Jan. 3 to April 1; April 11 to June 23; Sept. 6 to Dec. 24.

### ***Holidays.***

Saturdays, and Nov. 25, 26, 1897; 24, 25, 1898; Feb. 22; April 19; May 30; June 17.

### ***Daily School Sessions.***

High,—8.30 A. M., to 1.30 P. M.

Jonas Perkins,—9 A. M. to 12 M., and 1.30 to 3.30 P. M.

Monatiquot,—9 to 11.50 A. M., and 1.45 to 3.45 P. M.

Other Schools,—9 to 11.45 A. M., and 1.30 to 3.45 P. M.

### ***Storm Signal.***

The signal for no session of the public schools will be 3-3-3, sounded twice on the fire alarm at 7.40 A. M., for no forenoon session; at 11.30 A. M. or 12.15 P. M., for no afternoon session.

A storm signal one hour before the appointed time of a committee or a teachers' meeting, is a notice of postponement of the meeting.

### ***Janitors.***

Monatiquot Building,—E. Alden Belcher, Washington Street, Braintree.

Jonas Perkins Building,—William Orr, Front Street, East Braintree.

Pond Building,—Sewell Nye, Central Avenue, South Braintree.

Union Building,—J. Franklin Bates, Washington Street, Braintree.

Middle Street Building,—Francis H. Thayer, Middle Street, Dana's Corner.

South West Building,—Willie P. Reed, Pond Street, South Braintree.

### ***Truant Officers.***

John Gallivan, Braintree.

Horace F. Hunt, South Braintree.

Henry Duggan, Jr., East Braintree.

### ***Tuition of Non-resident Students.***

High School, \$1 a week; grades 6 to 9, 75 cents a week; grades 1 to 5, 50 cents a week.

Non-resident students are not admitted to any school without the written permission of the Superintendent.

## REPORT OF THE SCHOOL COMMITTEE.

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BRAINTREE, MASS., Feb. 7th, 1898.

At a special meeting of the school committee held this date, the papers written by its individual members on various subjects connected with the administration of the schools and the report of the Superintendent of Schools were read, approved and adopted as a part of its annual report to the town.

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### ***Business Methods of the Committee.—Business Course in the High School.—Repairs of Schoolhouses.***

In relation to the business methods of the committee I would say that we hold our regular meetings on the second Monday of every month, when all matters pertaining to the schools are brought before the board and fairly and thoroughly discussed.

It is the custom for the Superintendent to send to each member, a few days before every meeting, a list of matters which he and members of the committee suggest should be considered and acted upon, thereby giving the members ample opportunity to give the subjects proper attention and thought.

Our system of book-keeping has been very much simplified. Where formerly we were obliged to use day book and ledger without classification both as to departments and schools, we now have the whole in one sheet, thus enabl-



ing us to see at a glance dates, items and amounts of invoices, names of creditors, total appropriations by the town for the several departments, and expenditures for each school as far as they can be determined. This, as one can readily see, is less expensive and a great saving of labor.

Every month the clerk sends to each member of the committee a printed form showing the appropriations by the town for the year, also expenditures for each department to date, which enables the committee to keep watch of expenditures.

The business course of the High School has evidently come to stay, if one can judge by its apparent success.

More than one half of the scholars are taking this course of study, which consists of Arithmetic, English, Penmanship, Book-keeping, Short-hand and Typewriting.

A larger proportion of the graduates of the grammar schools is entering the High School than ever before, which we can safely attribute to the introduction of this course.

The aim of the committee is to bring the High School up to such a standard that a graduate of the business course will be fully qualified to enter a counting room.

At the end of the summer term a sub-committee is appointed to visit each school and see what repairs are necessary. The repairs determined upon are awarded to the responsible parties naming the lowest price for doing the same. The work is done under the supervision of this committee.

A very large part of the appropriations for school-house repairs was expended on the South-west school-house, that being opened for the first time for ten years or more.

Some things that were needed to be done have been put off till another year because of a lack of funds, which is false economy.

GEORGE W. STEVENS.



***Assistant Teachers Needed. — Manual Training at Jonas Perkins School. — Cooking School. — Toilet Articles. — Jonas Perkins Educational Association. — Its Aims. — Teachers' Reception. — Donations. — Donors.***

On account of the increasing demand upon the Principals of the details of administration, and the rapid increase in the number of pupils attending the grammar grades of the Monatiquot and Jonas Perkins schools, it is necessary that an assistant be employed in each of those schools for the upper grades.

Last September, without any expense to the town, manual training was established in the grammar grades of the Jonas Perkins school. The interest and ability displayed in this work has been very great. It is very evident that the punctuality and excellent attendance of the children connected with this department are due largely to the attractiveness of this special line of study. Work of this kind creates responsibility in a child and leads to self reliance and independence. It arouses and develops his creative and inventive faculties and opens avenues to a successful life. It develops the child's power more than any other study, and I would suggest that the system be established in the Monatiquot school.

Another feature in this department of education is the establishment of a free cooking school by one of our public spirited ladies in the east part of the town for the benefit of the children of the public schools of Braintree. This school is held on Saturday from 8.30 A. M. to 12.30 P. M. and is very largely attended.

The furnishing of towels, soap and nail brushes for use in our schools has not only inculcated habits of cleanliness in the children but has been exceedingly advantageous in preventing the soiling of text books and school supplies used by the children.

In March, 1897, an educational association was formed in the east part of the town and duly organized with its proper

officers. It was voted to adopt the name of the Jonas Perkins School Association, in honor of a man loved and revered by every resident of the town. The object of the organization is to create a greater interest in education by holding occasional instructive public lectures and to aid the Jonas Perkins school in furnishing the building with much needed equipment, viz., the adornment of the walls of the several rooms, the completion of the stage furnishings in the hall and the lighting of the building by electricity. A part of this has been accomplished and the intention of the association is to bend its efforts toward other plans which it has in relation to holding public educational meetings, instructive entertainments and beautifying the building and surroundings.

On the evening of November 9th, 1897, a very successful reception was tendered to the public school teachers of Braintree under the auspices of the Jonas Perkins Association. The interest displayed by the parents and teachers at this meeting was productive of great good and bore testimony that the association had not over estimated the value of bringing together the home and the school. I would suggest that an occasional meeting of this kind be held in different sections of the town, thereby establishing a better acquaintance between teachers and parents, which will be of great value to our public schools.

The interest taken by our citizens in the public schools is certainly commendable, when we are able to report the following donations by them to the different schools during the past year :—

Equipment for lighting Jonas Perkins school .	\$147 75
Equipment for lighting Monatiquot school .	153 00
Piano for Assembly hall “ “ .	225 00
Rent of piano, Jonas Perkins school . .	45 00

*Tools and benches for manual training .	425 00
Lumber . . . . .	30 00
Extra salary of teacher . . . . .	40 00
Stage furnishings for Jonas Perkins hall .	46 00
Two volumes Frank Leslie's "American Soldier in Civil War" . . . . .	10 00
Libraries . . . . .	80 00
Collection of books and papers . . . . .	3 00
Lecture course in vocal culture . . . . .	50 00
Christmas festivities . . . . .	80 00
Cooking school . . . . .	250 00
Pictures—Original photographs of New England and New York scenery, portrait of Rev. Jonas Perkins, picture of United States Corps Badges in the Civil War, "Sheep", by Rosa Bonheur and others of estimated value of. . . . .	50 00
Total . . . . .	<hr/> \$1,634 75

\*The title to these does not pass to the town until the permanence of manual training as part of our system of education is assured by its establishment in the Monatiquot school.

#### DONORS.

Mrs. Martha Loud.  
 Mr. and Mrs. Thomas A. Watson.  
 Mr. A. Granville Bowditch.  
 Mr. Frank Perry.  
 Mr. F. O. Wellington.  
 Mr. Benjamin J. Loring.  
 Mrs. John Renn.  
 Mrs. Rymarczick.  
 Bessie Loring Miller.  
 Jonas Perkins School Association.  
 Jonas Perkins school.  
 High school.



Monatiquot school.

Pupils of the different grades.

The cost of lighting equipment and one half the cost of the piano for the Monatiquot building was paid by the schools from the proceeds of entertainments, as follows :—

High school . . . . .	\$87 18
Jonas Perkins . . . . .	65 00
Piano recital . . . . .	24 50
High and Monatiquot . . . . .	45 00

The interest manifested by the teachers, in donations and work in connection with the Christmas festivities, deserve special mention.

CARRIE F. LORING.

***School Music.—Systems Under Consideration.—General Work of the High School.***

Vocal music now occupies an important place in the school curriculum of nearly every city and town in the country. The plan we have adopted, and undoubtedly the best, is to have daily lessons by the regular teachers. The plan of having a lesson once a week from a special teacher, with no daily drill, gives very unsatisfactory results.

Most music systems require a drill work of ten minutes in the primary, and from fifteen to twenty in the advanced grades. Children who are drilled daily in well graded exercises, for seven or eight years of school life, will naturally become good readers of music.

Teachers should require their pupils to sing softly, and by so doing they secure better tones than when singing with all the strength at their command. We often hear children in the Sunday school scream and shout with a great waste of breath, the teachers having them in charge little realizing



the amount of injury done their vocal organs. The system now in use in our schools is somewhat out of date, and it is deemed advisable to change it and adopt one so graded that the regular teacher can do better work. The committee have had under consideration for several months four systems, all well graded, and each marked by some special feature. The first system placed before us was the Natural Course by Ripley and Tapper. It is claimed by the advocates of this system that there are two registers in the voice, the thick or chest register, and the thin or head register, and from a physiological standpoint, drilling from a head to a chest register will not strain the vocal organs, and will produce better tone, while starting from the chest register is more likely to injure the voice. The music readers are well filled with songs by the best writers, and the poems selected are from our best authors. The American System by Prof. Friedrich Zuchtman, was placed on trial for about three months at the Jonas Perkins' School. Among the leading features of the system are teaching the proper way to breathe and the development of the vocal organs. A breathing exercise always being given at the commencement of the vocal drill.

The Holt system, by Prof. Holt, of Boston, an improvement on the system we now use, has been tested in the Pond school. This system deals largely with perfect, major and minor intervals rather than chords and establishes the most difficult work at the very foundation. Prof. Holt's theory is, if these difficult steps are conquered the more simple steps are easily taken.

The last system placed before us is the Educational course which seems plain and systematic from the presentation of the major scale, through every principle to the completion of the study, in the public schools. It is by Messrs. Mason, McLaughlin and Veasie, men of wide experience and knowledge of the best school work.

No decision has yet been reached by the committee as to which system is the best to adopt, but in the meantime singing is not being neglected in the schools.

We are pleased to call attention to the marked change in the High school. Nineteen months ago when Supt. Horne was placed temporarily in charge of the school as principal, two important questions were being considered, one, to secure the best service possible, and the other to secure that service with the least expense to the town and at the same time have our high school attain to that standard which Mr. Horne has so zealously labored to attain in all the schools. In his management, he has more than met the expectation of the committee. We note with great pleasure the improvement in discipline, without which no school can be successful, and the energy and enthusiasm shown by both teachers and pupils which warrants us in believing that our High School is fast accomplishing all its most ardent supporters can expect. We feel that to-day it will compare favorably with any school of its class in the state. During the past year there have been two changes in the corps of assistants, Miss M. Agnes Lane resigned to accept a position near her home. Her place was filled by Grace I. Fox, who remained with us only five weeks, owing to a large increase of salary.

The committee deploring the evils resulting from so many changes and realizing that they must continue so long as the salary paid is so much below that paid in other towns for the work, engaged Miss Celia F. Stacy at a salary of \$75 per month. The wisdom of the choice is apparent, as she is doing the best work in her branches that has ever been done in the school.

We congratulate the town that these are the only changes made in the High School as the present corps of teachers is of great merit and changes are always a serious detriment to the interests of the school.

Many people are unaware of the difficulties that must be met by teachers in schools of this grade, where the minds of the pupils are more mature and home influence often opposed to that of the school. Habits of the pupils are sometimes so fixed that it requires a very persistent effort on the part of the teacher to overcome them. Patience, study of the individual pupil, fortitude and forbearance are required on the part of teachers of this grade more, perhaps, than is the case in any of the lower grades.

ANN M. BROOKS.

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*Sanitary Condition of School-houses.—Crowded Schools.—Salaries.—Educational Association.*

Your chairman has suggested that I touch upon the following points, viz: impressions of a new member of your board; the sanitary condition of our school buildings and the importance of the subject; crowded schools; salaries of teachers, and an educational association for my section of the town.

My impressions as a new member will be very briefly embodied in what may be said upon, first the sanitary condition of our school buildings.

It has seemed to me that, until recent years, this exceedingly important subject had been neglected or cast aside as of secondary importance. To obtain the highest results in school work we must have the necessary tools to work with and the right condition under which to work. Neither teachers or pupils can do their best work when hampered and restrained by unfit or unhealthy surroundings. That the people of Braintree earnestly desire that their children should have the best there is in school life and training I have no question, and what may seem to the contrary is no doubt often due to apathy, lack of observation or examination touching school conditions. I have taken occasion to somewhat carefully inspect the sanitary condition of the Union school, and have also had an interesting interview with the state-inspector of



school buildings for this district, Mr. Moore. There had come to me from parents somewhat unfavorable reports upon the sanitary condition of the Union building, which led me to investigate.

Impressions at my first, and thus far, only examination, were favorable. The Union school building is not modern and there are conditions there which could probably be improved. And here I would like to emphasize the absolute and pressing importance of careful and frequent attention by the janitor to the sanitary apparatus and arrangements in our school building. If the janitor is careless and neglects his work, then the best of sanitary furnishings will not overcome bad and unhealthy conditions. This point Mr. Moore carefully emphasized. I asked especially about our school buildings in Braintree; whether from his examination he thought them in good sanitary condition. I asked him especially and particularly about the Union school. His replies were complimentary and encouraging. He told me that our school buildings were in good condition and that they compared very favorably with those in other towns where the schools were of the best. He spoke of the Union school as being old, but said that if the janitors were faithful there ought not to be any sanitary trouble. I asked him how often the water closets and urinals should be cleaned. He said as often as once in two weeks where the schools were crowded as ours are. Fresh air is of vital importance not only to the health of teachers and pupils, but is essential to good school work. I have no doubt that the listlessness, irritability and poor work of teachers and scholars in an unventilated schoolroom are in large part due directly to impure and vitiated air. How important then that the schoolroom atmosphere be pure and of the right temperature. It is the duty of both janitor and superintendent to watch carefully the conditions necessary to good work, and the teachers, who are directly in position to know the requirements of their rooms, should be alert to secure such conditions.



The air of a school-room may be pure, but the temperature much too high or much too low. It may be amply heated, but the air exceedingly foul. Temperatures may be at perfectly normal and comfortable rates, but poisonous vapors may still exist. Impure air and dangerous gases are not necessarily noticeable; cold air is not necessarily fresh air, nor warm air necessarily impure. I think that all school houses should at stated intervals, when schools are not in session, be thrown wide open to admit outside air through doors and windows. Careful and intelligent housekeepers know the importance of this in their homes; why should not school-houses be cleansed in like manner?

In section No. 40 of an act approved June 22, 1894, we find the following:

**SANITARY CONDITION OF SCHOOL-HOUSES.** Chapter 149 of the Acts of 1888 provides:—1. Every public building and every school-house shall be kept in a cleanly state and free from effluvia arising from any drain, privy or other nuisance, and shall be provided with a sufficient number of proper water closets, earth closets or privies for the reasonable use of the persons admitted to such public building or of the pupils attending such school-house.

2. Every public building and every school-house shall be ventilated in such a proper manner that the air shall not become so exhausted as to be injurious to the health of the persons present therein. The provisions of this section and the preceding section shall be enforced by the inspection department of the district police force.

Some of our schools are overcrowded and require relief. This is the case in numerous other towns and cities and the problem has become so serious that all good citizens should become interested. The Union school is in this respect working under some difficulty, and the situation requires and should be given the serious and thoughtful consideration

which its importance demands. A teacher having fifty pupils under her immediate charge cannot successfully accomplish what she might had she only half the number ; and the scholars cannot do their best work when crowded in their rooms. So far as I am able to learn there are no laws bearing specifically upon this subject, the matter seeming to be left to the good judgment of those having the matter in the charge.

In the sixty-first report of the State Board of Education, presented to the legislature January 19, 1898, and covering substantially the school year of 1896-'7, we find the following facts :

For the state as a whole, the average pay per month of men was \$144.80, a gain of \$8.47 ; of women \$52.20, a gain of \$1.90. There are thirty-seven towns and cities that pay more than these averages, and two hundred and twenty-six that pay less. There are fifty-nine towns in which the pay of women ranges from only \$20 to \$30 per month. The average monthly pay of women for Norfolk county is now \$49.27, and as the average monthly salary paid women teachers in Braintree is now \$45.20, we are at present paying \$4.07 less than the average for our own county and \$7 less than the average for the state. Hampden county in the Connecticut valley pays to its women teachers an average of \$50.35 per month, so that our average for the town is \$5.15 less than Hampden county, while our county average is \$1.08 behind that county.

Among some characteristic features of the present school movement in our State we find "an improvement in teachers' salaries, noticeable in the general averages for the State, but not in all cases where improvement is needed." Also, "A growing interest in school matters on the part of boards of trades, citizens associations, women's clubs, and non-professional educational societies."

Some of our most intelligent and progressive towns have found organizations intended to stimulate and fortify interest

in their public schools. Such associations, it seems to me, ought to become much more general, and I would suggest that in our own community an organization of this nature would be of permanent and lasting benefit. Many of our citizens are deeply interested in the welfare of the public schools; others who are now more or less apathetic, would, by such a movement, be stimulated and interested, and the good results of such a nucleus would, it seems to me, become a blessing to ourselves and to posterity if a sincere and hearty effort were made by us all. We honestly differ as to what is best for our children, and if we could come together in the right spirit and with an earnest desire to get at the truest and best method of school work, we should all, I feel sure, see clearly the benefits of such an organization. I would suggest that an effort be made to this end, and that, if possible, the prime movers in it be those among us who hold no public office. I wish that it were in the power of every one to give his children a thorough collegiate education. Every true parent desires to do all possible to give his children at least a thorough fundamental school training. This can only be accomplished for the great majority of us through the medium of the public schools. How desirable and important then that these schools be of the very best. We owe it to ourselves, to our children, and to those who will come after us that all that can be done should be done. We must all, as good citizens, take an interest in the material welfare and growth of our town. Nothing, it seems to me, will so stimulate and help this growth as first-class public schools. Braintree is so fortunately situated that there is certain to be a very large increase in her population as the years go on. How important then that this increase should be of the very best character, and nothing, in my judgment, will so surely determine this as our careful attention to the character of our public schools.

WILLIAM C. HARDING.



*Public Schools as Compared with Private Schools—Practical Studies—Proposed State School Tax.*

The chief distinction and value of the American public schools consists in the fact that they are "common schools." They must be the schools of the poor man if his children are to be educated and in a country like ours where common interests and obligations bind all classes together and where each individual possesses his proportionate share of political power, they should be good enough for the children of people of wealth. Patriotic considerations should lead all classes of people to send their children to the "common schools." If they are not good enough for anyone he should take the most active interest in improving them until they are good enough.

If the public schools are poor and the private schools are good, the latter will be prosperous. At the present time about seventy thousand of the school children of this state, or about one-seventh of all the school children, are in private schools. Every such pupil represents some real or fancied defect in the public schools. Every patriotic citizen should take the greatest pride in making the public schools so good that no one can afford to send a pupil to a private school. The average annual cost per pupil in our schools is about twenty dollars, probably not more than one-half of the tuition in the cheapest private kindergarten, to say nothing of the schools that charge a tuition of two and three hundred dollars a year; and these schools are no better than the public schools and in many cases not so good. Edward Everett Hale has said that his success has depended upon his attending the public schools where he came into sympathetic relation with school mates representing all classes of society; that he always felt that he was just a little better than any of those fellows that wore pantlets and attended a private school.

In the upper grades of our schools we should make the



instruction as practical as possible, and it should, as far as possible have reference to each individual pupil and his peculiar needs. It ought to adjust the pupil more perfectly to the mechanical and industrial side of life, and the most practical courses should be put down as low as possible in the grades. The earning power of labor is being constantly reduced and the great majority of homes need the aid of the children at the earliest possible moment. Many children cannot remain in school after they are fourteen years old. The needs of such children should receive the most thoughtful consideration while they are in school.

In times like the present when all profits and revenues are being cut down to the lowest point possible, it does seem that public expenditures ought to be reduced in some way. It is impossible to do this in maintaining the public schools and have good schools. The community that has any sensible regard for its future welfare and reputation, must maintain excellent schools. A poor teacher is worth nothing; a first class teacher isn't any too good.

Our people ought to take a more active interest in the bill for a state school tax which was passed by the legislature last year and vetoed by the governor, and is before the legislature again this year. The present system of taxation permits people of great wealth to congregate in one town to avoid taxation. Of course, they cannot be blamed for doing this while the law permits it. Children are more plentiful in the poorer communities. This congregated capital shirks an important duty. All wealth should help equally to educate the children both of the poor and of the rich. This principle has been fully established. No imaginary line, determined by public statute, should locate the children on one side of it in a poor school and those on the other in the best schools. This would be a different matter if the state left the question of education for each community to settle for itself. Our schools are determined wholly by state law.

I will give one illustration: Some years ago our town passed a vote which requires it to appropriate twelve hundred dollars annually for the support of the Thayer Academy. If the state did not require us to maintain a complete High School, we could without doubt make satisfactory arrangements with the governing board of the Academy whereby it would do all the work of the higher classes of our High School; while the work of the lower classes could be done in the grammar schools, thereby saving a large expenditure to the town. The state refuses absolutely to permit us to do this.

Through a large concentration of business capital, Boston is able to pay its teachers more than double the salary that we can pay ours, and to provide complete systems of manual and industrial training for the pupils of the elementary schools, baths even, medical inspection, etc., and a magnificent manual training school with the most expensive equipment for its high school pupils; while its rate of taxation for the support of its schools is not half so great as ours. The homes, and, therefore, the children that represent a large part of this wealth, are located in many of the suburban towns, like Braintree, that are struggling to maintain respectable schools. It must be evident to any thinking person that the fair thing to do is to tax the wealth of the whole state at a uniform rate, and distribute this assessment on the basis of membership in the public schools for a part of their support.

A. C. DRINKWATER.

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***Need of a New School House.***

The most important question that is pressing for solution is that of a new school house. It is a complicated question and will require broad and careful study to decide it right.

We recommend that a committee be appointed at the annual town meeting to consider and report on the matter in all its bearings. In anticipation of the appointment of such a committee and for its benefit, we have had maps prepared, without expense to the town, showing the location of the home of each pupil now attending the Monatiquot, Pond and Union schools.

The problem is to relieve the Monatiquot school of about 60 scholars, the Union of about 30 and the Pond of about 18, distributed somewhat irregularly through the different grades, besides taking care of the usual increase at the beginning of the school year next September.

The future growth of the town must, of course, be taken into consideration, and some plan should be adopted that will do more than merely relieve the present needs of the schools, as the next few years will undoubtedly see a large increase in our school population that must be provided for.

Whatever is decided on in the way of a building should be adapted to the best modern educational ideas, and should be arranged to help and not hinder progress.

It must be remembered that nothing attracts to a town the most desirable class of residents more than first-class schools, and an important essential of a good school system is carefully planned buildings of ample size for future growth.

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#### ***Principal of High School.***

There can be no question of the success of the plan of combining the offices of Superintendent of Schools and Principal of High school, which has been in operation nineteen months. The duties of the Superintendent have not been neglected in any way and the High school is doing more and better work than at any time since this committee has been in office.



Any of our citizens doubting the possibility of one man doing the work of both these offices should take into consideration the fact that there is no town in the state of the size of Braintree that does not either join with another town in hiring a Superintendent of Schools or unite the two offices, as we have done.

If anything was being neglected in connection with the work of either office, no one could be more anxious to correct it than the school committee.

We at present see no reason for making any change in this arrangement, but shall not hesitate to do so if any new circumstances arise, such as a rapid growth in the school population, that convince us that the best interests of the schools require it.

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The expenditures for the support of schools during the past year have been as follows :

Teachers . . . . .	\$13,718 00
Superintendent . . . . .	1,200 00
Janitors . . . . .	1,584 08
Text books and supplies . . . . .	1,608 29
Incidentals for schools . . . . .	620 80
Incidentals for schoolhouses. . . . .	1,304 51
Fuel . . . . .	1,211 72
Conveyance of pupils . . . . .	723 00
	<hr/>
	\$21,970 40

The amount \$475 appropriated to repair, furnish and operate the South-west school is included in the above.

Appropriations for 1897 . . . . .	\$20,478 00
Dog tax and school fund estimated . . . . .	1,150 00
	<hr/>
	\$21,628 00
Overrun . . . . .	342 40
	<hr/>
	\$21,970 40



*Comparative Cost Per Scholar.*

This is a cost for each scholar in our schools, of \$21.65, based on the average membership for the year, and not including the amount spent for repairs of school house (about \$600.) It is exactly the same as in 1896, and 1 per cent., less than six years ago, notwithstanding the additional facilities provided since that time.

The average cost per scholar throughout the State for 1897, reckoned on the same basis, was \$25.10, *16 per cent., greater than in Braintree.*

Although, in the aggregate, the amount spent for the support of schools is large, it must be remembered that the total cost to the town of our schools, including salaries of teachers, Superintendent and janitors, heating and ventilating the buildings, keeping them in repair, furnishing text books, apparatus, paper, pencils, pens and ink, and transportation from outlying districts is but *fifty-two and three-fourths cents per week for each child attending them.*

No one can justly accuse the present administration of extravagance when these facts are taken into consideration.

The first thought that is likely to enter the mind on realizing the smallness of this sum, is: Can anything so cheap be good? As far as our schools go we are confident that their methods and results are equal to those of the best schools in the state, but they have that serious defect of almost all schools, the lack of training of the hand and eye, without which there can be no complete mental development in any person.

We have partially remedied this defect in one school, but there is much more to be done. There should be sewing and cooking classes established at the Monatiquot and Jonas Perkins schools, and the well known wood-working system called "Sloyd" at the Monatiquot. The Jonas Perkins is already fitted with the Sloyd system at private cost. This can be done at moderate expense. But what is most needed, is the establishment in connection with the regular high school stud-

ies, of a manual training department, that will give a full three years course of instruction in wood working and lathe turning, metal working, both by machine shop and blacksmithing processes, pattern making and moulding, wood carving, sheet metal work and mechanical drawing, etc. Such a system as is now in operation in Boston, Cambridge, Brookline and many other cities and which our state laws now require must be maintained by every city of twenty thousand inhabitants or more. To do this however will require the erection of a suitable building and the purchase of the requisite machinery.

When public sentiment in our town is strong enough in favor of this great advance in education, to make the necessary appropriations, the school committee is prepared to put into operation, a manual training system that will place our schools in the front rank of the country.

*Estimates for 1898.*

Teachers in addition to dog tax and school fund . . . . .	\$14,145 00
Superintendent . . . . .	1,200 00
Janitors, including cleaning and care of buildings during summer vacation . . . . .	1,808 00
Text books and supplies . . . . .	1,600 00
Incidentals for schools . . . . .	500 00
Incidentals for school-houses . . . . .	1,000 00
Fuel . . . . .	1,250 00
Conveyance of pupils . . . . .	725 00
	<hr/>
	\$22,228 00

*Explanation of Increases Asked For.*

Two new teachers for the crowded upper grades of the Monatiquot and Jonas Perkins grammar schools . . . . .	\$800
Usual increases and adjustments in salaries . . . . .	100
Teacher of Southwest school for six months more in 1898 than in 1897 . . . . .	240
In order to obtain a satisfactory teacher for the English and commercial studies in the High School we were obliged to pay \$75 per month beginning December 1, an increase for 1898 of . . . . .	225
Readjustments of salaries for the last four months of 1897 (nine increased and five decreased) for the complete year, 1898 . . . . .	112
Assistant for the crowded lower grade of the Union School . . . . .	60
The expenditures for teachers in 1897 were diminished \$40 received for fines imposed by the Quincy court on parents for not sending children to school, which we cannot expect next year . . . . .	40
Total for teachers . . . . .	<hr/> \$1,577

The janitors of the Monatiquot and Jonas Perkins schools are now paid \$41.67 per month. There is no doubt in our minds that the amount and variety of their work, the skill required, the long hours needed to properly care for such buildings and the importance and responsibility of the position fully warrant an increase of this sum to \$50 per month, which for 1898



would be an increase of . . . . .	\$200 00
Janitor of the Southwest school for six months more in 1898 than in 1897 . . . . .	24 00
	<hr/>
Total for janitors . . . . .	\$224 00

The other items in our estimate either remain the same or are less than the expenditures of 1897.

In conclusion we wish to express to the citizens of the town and especially to those having children in our schools, our desire that they visit the schools more often and confer with us more freely regarding school matters. Point out what you consider defects, suggest remedies if any occur to you and come and talk matters over either at our homes, at the school committee meetings or at the teachers' meetings. You are always welcome. We fully realize, and want you to realize, that the best schools are those only, "where the teacher, the parent, and the child, all keep school together."

THOMAS A. WATSON, East Braintree,  
ANN M. BROOKS, South Braintree,  
ALBION C. DRINKWATER, Braintree,  
WILLIAM C. HARDING, Braintree,  
CARRIE F. LORING, East Braintree,  
GEORGE W. STEVENS, South Braintree.

*School Committee.*



## REPORT OF SUPERINTENDENT.

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*Ladies and Gentlemen of the School Committee :—*

This is my sixth annual report, for the year ending Jan. 1, 1898, and the thirteenth of the series of annual reports of the superintendents.

The administrative organization of the schools is presented at the beginning of this report.

Ten regular and two special meetings of the committee have been held during the past year.

### STATISTICS AND ACCOUNTS.

Population of town, 1897, estimated . . . . .	5,500
Number of children between 4 and 5 years of age in town, May 1, 1897 . . . . .	98
Number of children between 5 and 15 years of age in town, May 1, 1897 . . . . .	938
Number of children between 8 and 14 years of age in town, May 1, 1897 . . . . .	548
Number of children between 14 and 15 years of age in town, May 1, 1897 . . . . .	88
Whole number of pupils enrolled for the year ending June 24, 1897 . . . . .	1178
Whole number of pupils enrolled for the 4 months ending December 24, 1897 . . . . .	1126

Whole number of pupils enrolled for the 4 months ending December 25, 1896 . . . . .	1107
Average membership for 1897 . . . . .	987
Average membership for 4 months ending December 24, 1897 . . . . .	1038
Percentage of average attendance for 1897 . . . . .	92
Number of schools keeping separate registers . . . . .	27
Number of female teachers . . . . .	30
Number of male teachers . . . . .	2
Number of special teachers . . . . .	2
Monthly pay roll of teachers for December, 1897 . . . . .	\$1,439 50
Monthly pay roll of teachers for December, 1896 . . . . .	1,275 25
Monthly pay roll of janitors for December, 1897 . . . . .	139 34
Average monthly wages of female teachers for 1897 . . . . .	45 62
Average monthly wages of female teachers of the state in 1896-7, as per official returns (14.4 per cent. greater than in Braintree) . . . . .	52 20
Average monthly wages of male teachers for 1897 . . . . .	114 00
Average monthly wages of male teachers of the state in 1896-97, as per official returns (27 per cent. greater than in Braintree) . . . . .	144 80
Number of school-houses in use (26 class rooms and 1 room in Town House) . . . . .	6
Number of school-houses not in use (3 class rooms) . . . . .	3
Number of pupils in private schools, not enrolled . . . . .	60
Valuation of town . . . . .	\$4,453,825 00
Rate of taxation per thousand, 1897 . . . . .	18 80
Total appropriation (less bank and corporation tax) . . . . .	\$78,003 00

Amount of appropriations for school purposes	\$20,478 00
Percentage for school purposes . . . . .	26
Expenditures per pupil for all purposes . . . . .	22 26
Average expenditures per pupil throughout the state for all purposes <i>except</i> repairing and erecting school-houses (12.8 per cent. greater than in Braintree) . . . . .	25 10
Per cent. of whole number of pupils in gram- mar schools at the close of year (highest grade) who entered High school . . . . .	90

## EXPENSE OF FUEL.

## Monatiquot School.

April 13, wood . . . . .	\$5 00	
June 25, 1 cord wood . . . . .	4 00	
Sept. 13, 2 cords wood, at \$4.00 . . . . .	8 00	
Oct. 9, 2 cords pine wood, at \$5.00, \$10.00; 1-cord hard wood, \$5.50; $\frac{1}{2}$ cord sawed wood, at \$6.50, \$3.25 . . . . .	18 75	
Nov. 23, 191,495 lbs. W. A. egg coal . . . . .	483 52	
	<hr/>	\$519 27

## Jonas Perkins School.

April 19, 2 cords wood . . . . .	\$10 00	
Nov. 23, 80 tons soft coal . . . . .	224 00	
Nov. 30, 1 cord pine wood . . . . .	5 00	
	<hr/>	239 00

## Pond School.

Oct. 31, 2,000 lbs. Fr. Sto. coal . . . . .	\$7 50
Nov. 23, 83,735 lbs. Lehigh	

Bro. coal, \$213.52 ; 3 tons			
W. A. egg coal, \$15.15 .	\$228	67	
Dec. 31, kindlings , .	12	75	
			\$248 92
Union School.			
Oct. 31, 2,000 lbs. Fr, Sto.			
coal . . . . .	\$7	50	
Nov. 23, 60,235 lbs. Lehigh			
Bro. coal, . . . . .	153	60	
Dec. 31, kindlings . . .	7	45	
			168 55
Middle Street School.			
Apr. 19, $\frac{1}{4}$ cord wood . . .	\$1	75	
Nov. 23, 3 tons W. A. egg			
coal . . . . .	15	15	
Dec. 31, kindlings . . .	4	63	
			\$21 53
South West School.			
Nov. 23, 4,840 lbs. W. A.			
egg coal . . . . .	\$12	22	
Dec. 31, kindlings . . .	2	23	
			14 45
			\$1,211 72

## TEACHERS.

Improvement in the schools depends absolutely upon the intelligence, scholarship and professional skill of the teachers. Nothing can be done in the schools, which the teachers are not first prepared to do. During no previous year have our teachers made so much progress in professional scholarship. They have pursued excellent courses in the educational aspects of the mental life and growth of children. For this purpose many teachers' meetings have been held out of school hours at the various buildings.

As a result of this study there is already a marked decrease



in the phases of school work which do not make for the permanent improvement and growth of the children and an increase of attention to the more valuable elements of school life.

At the present time the teachers are receiving a course of lessons in voice culture. Through the kindness of the chairman of the committee, Mr. R. W. Cone, of Boston, has been engaged to give them. Great improvement in the development of distinct articulation, sweet quality of voice, right inflection, etc., are both possible and very desirable in all grades from the kindergarten through the high school.

“Ability to use the voice intelligently and musically is not a mere accomplishment; it is a necessity and is a better recommendation to strangers than fine clothing.

“Voice culture should be taught in the schools as conscientiously as arithmetic or grammar, not by a special instructor, but by every teacher. There is no reason why this cannot be done. Teachers are not obliged to shout at pupils and children can recite without straining their voices. Whenever authorities realize that the voices of children are inexcusably bad and that teachers as a class are perpetuating the evil, a gradual change for the better may be looked for.

“Reforming the voices of teachers is the first step necessary and a beginning cannot be made too soon.”

Excellent use is made of the teachers' library by distributing the books among the teachers at the various schools.

Our new teachers are Elizabeth Simmons, Fanny Ellsworth, Theresa G. O'Rourke and Grace Randall at the Jonas Perkins School, and Celia F. Stacy at the High School. Menetta A. Stevens and Marion L. Rogers are training teachers at the Union and Jonas Perkins Schools. Miss Emma M. Kane, of the Pond School, one of our excellent teachers, was granted a leave of absence in September because of illness, and Miss Ethel E. Roberts is filling her place.

## EDUCATIONAL METHODS.

The important question to ask regarding any school system is: Is it developing those powers, faculties and habits in the scholars, and giving to them that kind of instruction that will be most useful and beneficial to them when they leave school and face the problems of practical life? It has been our aim to make this the standard by which to decide the many questions arising in connection with the work of the school.

A practical illustration is found in the change that has been made from the application of this standard to the teaching of history. Formerly in our schools the approved method of studying history was to memorize so many pages of the dry and uninteresting language of the text book, and be prepared to recite this language in answer to questions propounded by the teacher with the text book before her. It is the method in use in many schools, even at the present time. Such work develops no power that is needed in practical life.

Let us consider this method from the standpoint of adult life. When men and women use books, what they find essential is the power of getting the thought accurately and quickly from the printed page and using that thought for their immediate practical needs. Information, not the memorizing of words, is the purpose of the greater part of reading. Why then should pupils practice so much in school a habit which is absolutely useless in practical life?

President Hyde of Bowdoin College says, "In actual life the test of efficiency is not, 'How much information can you repeat by rote without looking at your book?' but it is, 'What problems can you solve, what presentation of a case can you make, with all your books and tools before you?' Examination should consist, not in a test of a student's power to disgorge the crude materials which he has hurriedly crammed, but rather in a test of his power to apply the



principles which he has gradually assimilated to the problems with which they are concerned."

It is from considerations such as these that we have been led to the adoption of our present method of teaching information subjects, such as history. Several copies are furnished of all the best text books, to which the pupils have access. The lesson is prepared by both the silent and oral reading of the statements of all the best writers concerning the topics under special consideration. This is followed by an oral discussion by the pupils, guided and stimulated by the teacher, who, at the same time, constantly directs them to other sources of information. Then the scholars tell in their own language in writing what they think about the subject matter of the lesson.

The papers obtained in this way are examined, not only for the correctness of the information which the pupils have obtained from the lesson, but also for spelling, penmanship, and the quality and grammatical correctness of the language.

This written work is a valuable and practical drill in spelling, language and penmanship. It is a decided improvement over former language instruction in which the pupils practiced grammatical constructions, spelling and penmanship for their own sake without regard for their practical value and use. By this method pupils practice spelling, penmanship, etc., even more than formerly. The chief gain however, consists in the fact that they practice them under the conditions of practical life. They are constantly made to feel, as they can in no other way, the importance of power and facility in the use of the elements of written language, such as penmanship, spelling, etc.

In the teaching of all information subjects our present system of instruction aims to develop in the children: (1.) Power to get the thought from the printed page and the spoken language of teachers and others—a most practical form of training, as we all know who realize how difficult it

is to keep the attention fixed on the book or newspaper article, or lecture that we are trying to understand. (2.) Acquaintance with the various sources of information rather than the memorizing of a few facts that must soon be forgotten. (3.) Power and facility of oral expression obtained from the discussion of the lessons. (4.) Ability to express thought in writing concisely and correctly—so much neglected heretofore in the schools as to call from President Eliot, of Harvard University, and other leading educators, after examining the college entrance examination papers in English, the strongest condemnation. (5.) Extensive practice in penmanship and spelling. All of these powers are of the utmost importance in the future life of the child whatever his vocation. This aim solves the problem of the multiplicity of studies. Many of the branches formerly named in the course as separate subjects, assume the form of careful practice in three or four main branches. This was exactly the condition of earlier years.

It must not be supposed for a moment that the importance of training the memory is not fully appreciated. It is of the greatest importance, but its training is directed to the most practical ends. The spelling of words in common use, grammatical forms or inflections, and the simple mechanical processes of numbers, with their written forms, must be thoroughly memorized; but the most important use of the memory consists in filling the mind with the masterpieces of literature. Real literature is the expression of human thought and feeling; human aspiration and achievement, at its best. It is saturated with the controlling ideals of human life. Since it has the artistic form, it is permanently retained when properly memorized, and is a constant guide to correct conduct and language. There can be no question as to which is the more vital and practical, memorizing appropriate selections of literature or the comparatively dry words of text books. In this connection President Hyde says, "It is



not of so much consequence what a boy knows when he leaves school, as what he loves. The greater part of what he knows he will speedily forget. What he loves he will feed on. His hunger will prompt his efforts to increase his store. The love of good literature—a genuine delight in Longfellow and Whittier, Lowell and Tennyson, Hawthorne and Scott, Shakespeare and Homer—is from every point of view, the most valuable equipment with which the school can send its boys and girls into the world.”

We are giving the pupils manual and industrial training, not only to bring them into closer relation and sympathy with the industrial interests of home and society and to develop manual dexterity, but also, to develop the motor areas of the brain—the *doing* faculty—of which there is such a marked deficiency in people who have not had this training. The graduates of our schools will not have the power to do, until we provide adequate motor training. We could not have had our Lincoln if we had not first had the rail splitter, or our Garfield if we had not first had the carpenter. Those young people at the east part of the town who, through the generosity and thoughtfulness of Mr. Watson, work at sloyd, cut and sew, and cook—are *doing* something—are to be congratulated. They are educating that other half of the child that has been neglected in our schools hitherto. It is the greatest pity that all of our pupils are not given these most educative forms of instruction.

Special courses of instruction in knots, bends and splices have been given to the higher grammar classes; not because of their practical value, although this is considerable, but that the motor activities may be trained.

To those who may be doubtful as to the value of the changed emphasis in education, and honestly think that the merely formal branches of arithmetic, reading, writing and spelling should be taught exclusively, we wish to say that these studies were never taught so well as at the present

time. Much that might be thought a cramming of the curriculum, is but the effort to make the three R's more interesting and practical to the pupils by applying them to subjects of real and vital importance.

In short, it should be said that fewer subjects are taught now than formerly. For example, physiology as a distinct subject is not taught now, but the fundamental principles of healthful living are thoroughly established by constant reiterating in all years of school life. Science is not taught, but the children are being made acquainted, largely by observation and discussion, with the few facts and forces of nature that have to do with all practical living and form the basis of all industry and commerce. Writing, spelling, oral language, business forms and customs and the simple, practical processes of arithmetic are being emphasized now as they never were before. A comparison of results will furnish evidence of this.

#### HIGH SCHOOL.

The improved condition in this school is apparent in every way. For many years no definite accomplishment was set for any of its pupils, except to prepare for the Thayer Academy; and this preparation, consisting essentially of Latin and French, was of the most unpractical kind for pupils who left school at the end of the high school course. Many of the pupils aimed chiefly at diplomas, regardless of what such diplomas represented. The result could be nothing but deterioration. Many of its graduates were not equal to good grammar school pupils. This has been stopped most effectually by raising the standard of accomplishment to that of the ordinary high school and by establishing courses for definite attainments.

Had our standard been the same as formerly we should have graduated as many pupils last June as usual. Raising the standard will decrease for a time the number of gradu-



ates; but in the end we shall have a first-rate high school and its diploma of graduation will mean something.

At the present time the pupils are obedient, studious and orderly to an unusual degree, and nearly all of them are studying with definite aims, preparing for normal and scientific school, for the Academy and for commercial work. The State Secretary in his last report says in substance: In schools where the pupils are striving to reach definite attainments, "teaching is usually more thorough, attainment more searchingly tested, ambition more successfully stirred, effort more seriously incited."

The attractiveness of the courses of study in this school is shown in the fact that so many (90 per cent.) of the graduates of our grammar schools seek admission to them. This is far in excess of the average for the state.

The Academy has been of great assistance to the high school during the past year, not only from the kindly and helpful interest of its head master, but also by its substantial admission examinations. Our present preparatory class is doing work vastly superior to that of their predecessors. Some of our pupils who needed a higher grade of, and more classical, instruction than our regular classes afford, have been taken into the Academy on the most favorable and encouraging terms.

By referring to the table which shows the numbers of pupils pursuing the various studies, it will be seen that the work of our high school is distinctly different from that of the Academy. It is not a school of classical studies chiefly, but emphasizes the more practical instruction.

An advantage of my present connection with the school is in the opportunity it affords of making the commercial side of the administration of the schools, its bills, accounts and methods, available for the pupils of the business courses, and of giving the students of shorthand real experience in connection with

my official correspondence and other writings. Practically all of my letters are written by the pupils. This makes a great saving of my time.

Last June the social part of graduation was wholly separated from the official side. An educational address was substituted for the usual class essays and on a different evening a reception was given to the friends of the graduates, at which the class parts were presented. By this arrangement a vast amount of time that was formerly wasted, is saved for regular work. It is hoped that this custom may be continued.

The graduating exercises of the school were held in the Town hall, Thursday evening, June 24.

#### ORDER OF EXERCISES.

Chorus, "Norwegian Peasant March" *A. Sodermann.*

Duet, "Juanita" *T. G. May.*

- MISSES GALVIN AND BERRY.

Address.

REV. A. A. ELLSWORTH.

Chorus, "The Vesper Bells." *J. Eichberg.*

Presentation of Diplomas,

COL. A. C. DRINKWATER.

Chorus, "The City of the Sea." *J. Eichberg.*

The course of study pursued by the pupils who graduated from the high school last June were elective with the exception of English, Elocution and Music. The following table shows that substantial and continuous courses were chosen. The figures indicate the number of certificates obtained in each study. The totals are far in excess of those obtained by the graduates of the previous year, showing the increase in the standard of scholarship. The standard in the general course has been raised still further, and it is hoped that certificates will be given only for substantial work. A certificate was given for each one hundred recitations or their equivalent:—





The following table represents, in a graphic way, the work of the high school during the school year ending June 24, 1897. A hopeful sign is noted in the comparatively fewer failures than in the previous year:—

	FIRST YEAR IN SCHOOL.				SECOND YEAR IN SCHOOL.				THIRD YEAR IN SCHOOL.			
	Pupils in Classes.	Recitations.	Certificates Granted.	Failures.	Pupils in Classes.	Recitations.	Certificates Granted.	Failures.	Pupils in Classes.	Recitations.	Certificates Granted.	Failures.
English	51	2	40½	36	25	2	19	6	12	2	18	6
French					16	4	28	4	5	4	10	0
Latin	30	4	51	9	9	4	16	2	4	4	7	1
Greek									1	4	2	0
Arithmetic	51	4	76	26	12	4	8	16	4	4	4	4
Algebra	46	4	68	24					10	4	2½	½
Geometry					16	4	22	10				
History	15	2	13½	9	9	2			10	2	11	9
Bookkeeping									11	4	19	3
Shorthand									9	4	4	14
Physics					22	4	22	22				
Chemistry			6½						9	4	9	9
Elocution	26	1	8	0	10	1	2½	0	7	1	1½	0
Music	32	2		0	15	2	3¼	0	5	2	1½	0

The following table shows the branches of study taught in the high school during the present year, the number of pupils pursuing each, and the year in the school of each class :

BRANCHES OF STUDY.	First year in School.	Second year in School.	Third year in School.	Fourth year in School.	Totals.
Arithmetic . . . .	55	10		1	66
Algebra . . . .	50	10	4	2	66
English Language and Literature . . . .	58	33	18	4	113
Latin . . . .	14	3			17
French . . . .	32	31	9	1	73
Physics . . . .		12	1		13
Chemistry . . . .		1	9		10
*History . . . .			5		5
Book-keeping . . . .		16	10		26
Shorthand . . . .		17	9	2	28
Penmanship . . . .	58	16	5		79
Drawing . . . .	21	12	4	1	38
*Physiology . . . .		1	5	3	9

## MONATIQUOT GRAMMER SCHOOL GRADUATES.

JUNE 24, 1897.

†Frank Clinton Allen.

Helen Wales Bates.

Dora Belyea.

Clarence Whitney Boyce.

†Alfred Russell Clark.

Willis Clement Cottrell.

†Leroy Lewis Day.

Alva Morrison Dow.

†Mary Elizabeth Drinkwater.

James Alexander Frampton.

Catherine Warner Barnes.

†Ella Frances Belcher.

Herbert Levi Borden.

Teresa Hazel Carey.\*

†Mary Elizabeth Coneton.

Mabel Crocker.

†Elizabeth Louise Devine.

Joseph Scofield Drinkwater.

Carleton Murray Emerson.

Ernest Allen Gage.

Mary Agnes Gallivan.	Walter Lincoln Gerry.
Scott Earle Haseltine.	Helen Morton Hathaway.
Edith Ruggles Hollis.	†Mary Elizabeth Hollis.*
Richard Salter Storrs Hollis.	Florence M. Johnson.
Edith May Littlefield.	†Lydia Elizabeth McLeod.
Alice Isabel Moir.	†Dallas Preston Monk.
Forrest Isaac Neal.	Charles Gavin Platt.
Blanche Ella Porter.	Susie Ella Porter.
Bertha Gertrude Saunders.	†Howard Malcolm Saunders.
Elsie Louise Stoddard.	Annie Sullivan.
Harold Prescott Tirrell.*	Charles Harrison Tobey.
†Amy Ann Tonner.*	†Elsie Jane Tonner.*
Anna Mary Tracey.	Emma Russell White.
Chester Kenneth Wilson.	

## GRADUATES OF THE JONAS PERKINS GRAMMAR SCHOOL.

JUNE 24, 1897.

William H. Baldwin.	John Robert Lang.
John Edward Billings.	Etta Kingman Lawson.
Margaret Ellen Clinton.	Arethusa Maybury.
Frances Lillie Creed.	Elizabeth Mulligan.
James Preston Guerney.	Grace May Ratcliffe.
Robert F. Harte.*	Mary Malvena Robery.
Katherine Elizabeth Healey.	William Joseph Ryan.
Helen Watson.	

\* All of the grammar graduates whose names are not starred entered the high school.

† Not given diplomas but admitted to high school on trial.



## PROMOTIONS, ETC.

The following table gives a record of the schools in respect to promotions, enrollments, transfers and withdrawals during the school year ending June 24, 1897 :

SCHOOL.	Grade.	Previous year enrollments re enrolled.	First enrollments.	Enrollments from other towns.	Withdrawals to other towns.	Withdrawals to other schools in this town.	Transferred to a lower class.	Special promotions.	Promotion at the end of school year.
Monatiquot .	9	51		9	1		6		47
	8	45		4	1		2	1	40
	7a	37		5	3		2		41
	6a	53		4	3		3		51
	{ 7b	26		3	1		2		19
	{ 6b	20		2	5		1		10
Jonas Perkins .	9	17					2		15
	8	21			2		4		13
	7	35		2	2		7		28
	6	20					6	1	13
	5	31		2			13	1	19
	4	32		3	1		6		29
	3	40		2	5		6	1	28
	2	41		3	3		5		41
Pond . .	1	21	47	2	6		26	2	32
	5	47		3	5		2		43
	4	38		6	6		3		37
	3	36		5	6		4	2	36
	2	52	10	8	7	1	14	4	43
Union . .	1	20	25	14	2	1	19		23
	5	24		3	1				26
	4	23			1		3		22
	4	6		1			1		6
	3	44		3	3		5		40
Middle Street .	2	50	3	6	6	3	11		33
	1	18	34	3	5	2	23		24
	2		8		3	1	2		5
	1		9				1		5
Total . .		848	136	93	78	8	179	12	769

The following tables show the ranges and totals of the ages of both boys and girls on May 1, 1897, both by grades and by ages of all who were enrolled in the schools during the school year ending June 24, 1897. They will be especially valuable as furnishing a necessary basis for comparison of schools :—

YEARS.			GRADE.													Male.	Female.	Total.
			1	2	3	4	5	6	7	8	9	10	11	12	13			
4 Years	Male.....	25														25		
4	Female ..	35															35	60
5	Male.....	47	6													53		
5	Female ..	50	10													60	113	
6	Male.....	7	41	4												52		
6	Female ..	12	40	2												54	106	
7	Male.....	2	28	15	4											49		
7	Female ..		23	20	3	1										47	96	
8	Male.....		9	16	15	5			1							46		
8	Female ..		13	21	18	10										62	108	
9	Male.....	1	4	18	20	18	9									70		
9	Female ..		2	11	16	17	3									49	119	
10	Male.....		1	9	6	14	12	6								48		
10	Female ..		1	7	10	10	17	10								55	103	
11	Male.....				4	13	9	25	5							56		
11	Female ..			2	4	3	14	14	2							39	95	
12	Male.....			3	4	6	11	17	13	3						57		
12	Female ..		2	2	1	4	7	11	12	5						44	101	
13	Male.....					1	4	7	11	16	3					42		
13	Female ..			3	1	1	5	2	6	16	3					37	79	
14	Male.....					3	3	5	7	9	15	2				44		
14	Female ..			1		1	3	5	5	11	12	3				41	85	
15	Male.....							2	4	10	11	4				31		
15	Female ..							2	2	6	9	8			1	28	59	
16	Male.....							1	1	1	5	6	3			16		
16	Female ..					1		1	1		4	4	6	3		20	36	
17	Male.....											1	1	1		3		
17	Female ..											4	2	4		10	13	
18	Male.....											1	1	1		3		
18	Female ..								1					3		4	7	
19	Male.....																	
19	Female ..																	
20	Male.....																	
20	Female ..																	
			179	186	134	106	107	98	109	68	78	67	31	18	5	595	585	1180

GRADE.	YEARS.																				Male.	Female.	Total.
	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20						
1. Male .	25	47	7	2		1														82			
1. Female	35	50	12																		97	179	
2. Male .		6	41	28	9	4	1													89			
2. Female		10	40	23	13	2	1		2												91	180	
3. Male .			4	15	16	18	9		3											65			
3. Female			2	20	21	11	7	2	2	3	1										69	134	
4. Male .				4	15	20	6	4	4											53			
4. Female				3	18	16	10	4	1	1											53	106	
5. Male .					5	18	14	13	6	1	3									60			
5. Female				1	10	17	10	3	4	1	1										47	107	
6. Male .						9	12	9	11	4	3									48			
6. Female						3	17	14	7	5	3		1								50	98	
7. Male .					1		6	25	17	7	5	2								63			
7. Female							10	14	11	2	5	2	1		1						46	109	
8. Male .								5	13	11	7	4	1							41			
8. Female								2	12	6	5	2									27	68	
9. Male .									3	16	9	10	1							39			
9. Female									5	16	11	6	1								39	78	
10. Male .										3	15	11	5		1					35			
10. Female										3	12	9	4	4							32	67	
11. Male .											2	4	6	1	1					14			
11. Female											3	8	4	2							17	31	
12. Male .													3	1	1					5			
12. Female													6	4	3						13	18	
13. Male .														1						1			
13. Female												1	3								4	5	
	60	113	106	96	108	119	103	95	101	79	85	59	36	13	7					595	585	1,180	

# HIGH SCHOOL.

TEACHERS.	Grade.	Enrollment.	Maximum Class Room Membership.	Average Membership.	Half-Day Absences.	Average Attendance.	Tardinesses.	Dismissals.	Truancies.	Visitors.	Aver. Age of Pupils, Sept. 15, 1897.
Irving W. Horne, Principal	13	5	...	3.2	36	95.5	23	5	0	...	...
Ella Macgregor	12	18	...	12.	314	88.9	55	44	0	...	...
M. Agnes Lane.	11	31	...	27.5	440	93.2	60	44	0	...	...
Julia Ellsworth	10	67	...	50.7	896	92.5	136	52	0	54	...
Emily Streiferd, (Music)			...								Y. M.
January to June.											
Irving W. Horne, Principal	13	4	...	4.	30	93.7	16	9	0	39	17
Ella Macgregor	12	20	22	16.3	154	94.1	60	32	0	40	16
Julia Ellsworth	11	31	31	29.7	216	95.5	40	72	0	41	15
Grace I. Fox, to Nov. 5, '97	10	61	60	59.1	232	97.4	65	82	0	45	14
Celia F. Stacy, from Nov. 29, '97											4
Emily Streiferd, (Music)											
September to December.											
For the Year	13	5-4	...	3.5	66	94.7	39	14	0	...	...
	12	18-20	...	13.7	468	91.	115	76	0	...	...
	11	31-31	...	28.4	656	94.1	100	116	0	...	...
	10	67-61	...	54.	1128	94.4	201	134	0	...	...
Totals	...	121-116	...	99.7	2318	94.	455	340	0	219	...



# POND SCHOOL.

TEACHERS.	Grade.	Enrollment.	Maximum Class Room Membership.	Average Membership.	Half-Day Absences.	Average Attendance.	Tardinesses.	Dismissals.	Truancies.	Visitors.	Av. Age of Pupils Sept. 15, 1897.	
											Y.	M.
January to June.	5	50	...	41.	584	93.9	28	20	1	72	...	...
	4	44	...	34.7	533	93.4	30	63	1	57	...	...
	3	41	...	37.2	600	90.	49	22	0	72	...	...
	2	70	...	43.6	1146	88.6	40	22	1	67	...	...
	1	45	...	26.8	675	88.5	0	0	0	101	...	...
September to December.	5	44	44	41.4	298	95.2	27	34	0	37	9	9
	4	40	39	36.6	278	94.8	16	19	0	25	8	3
	3	53	49	44.8	505	92.2	25	3	3	40	7	9
	2	42	46	39.8	468	92.	29	16	3	28	6	3
	1	28	23	18.4	298	89.3	0	0	0	33	4	6
For the year	5	June 50 Dec. 44	...	41.2	882	94.4	55	54	1	109	...	...
	4	44 40	...	35.5	811	93.9	46	82	1	82	...	...
	3	41 53	...	40.3	1105	90.9	74	25	3	112	...	...
	2	70 42	...	42.1	1614	90.	69	38	4	95	...	...
	1	45 28	...	23.4	973	88.8	0	0	0	134	...	...
Totals,		250 207	...	182.4	5385	92.4	244	199	9	532		

JONAS PERKINS SCHOOL.

TEACHERS.	Grade.	Enrollment.	Maximum Class Room Membership	Average Membership.	Half-Day Absences.	Average Attendance.	Tardinesses.	Dismissals.	Truancies.	Visitors.	Aver. Age of Pupils, Sept. 15, 1897.
Victoria P. Wilde, Principal .	{ 9	17	1	16.5	353	91.2	125	17	0	132	. . . . .
Nellie E. Bowles . . . . .	8	21	. . . . .	18.5	383	91.3	27	18	0	0	. . . . .
Mary E. Vining . . . . .	7	37	. . . . .	34.7	713	91.2	86	44	3	24	. . . . .
May A. Wilson . . . . .	6	20	. . . . .	17.2	270	93.4	60	14	0	23	. . . . .
Nellie F. Monk . . . . .	5	33	. . . . .	30.2	891	87.6	152	0	0	35	. . . . .
Mellie M. Kyte . . . . .	4	35	. . . . .	34.1	919	88.9	148	19	0	80	. . . . .
Helen A. Mitchell . . . . .	3	42	. . . . .	32.7	1435	81.5	173	11	2	37	. . . . .
Robertina B. Trask . . . . .	2	44	. . . . .	39.2	1485	83.6	54	2	1	85	. . . . .
Grace Randall, Assistant . January to June.	1	63	. . . . .	44.8	1082	85.3	36	0		87	. . . . . Y. M.
Victoria P. Wilde Principal .	{ 9	15	15	14.7	66	92.1	10	21	0	55	13
Nellie E. Bowles . . . . .	8	32	32	29.8	146	96.9	15	10	0	0	12
Mary E. Vining . . . . .	7	21	21	19.8	113	96.4	37	9	0	37	12
Elizabeth Simmons . . . . .	6	25	26	25.2	141	96.6	34	7	0	19	10
Nellie F. Monk . . . . .	5	41	41	39.	351	94.5	50	25	1	34	3
Fanny Ellsworth . . . . .	4	36	37	35.1	387	92.2	117	25	0	54	9
Theresa G. O'Rourke . . . . .	3	51	49	46.9	389	94.6	77	18	1	65	8
Grace Randall . . . . .	2	37	39	35.5	632	89.9	36	6	0	97	6
Marion L. Rogers, Assistant . September to December.	1	46	43	43.1	639	82.2	26	0	0	106	4

For the Year . . . . .	June. Dec.											
	17-15	9	15.8	419	93.6	135	28	0	187	...	...	...
	21-32	8	23.	529	93.6	42	28	0	0	...	...	...
	37-21	7	28.8	826	93.6	123	53	3	61	...	...	...
	20-25	6	20.4	411	94.7	94	21	0	42	...	...	...
	33-41	5	33.7	1242	90.4	202	25	1	69	...	...	...
	35-36	4	34.5	1306	90.2	265	44	0	134	...	...	...
	42-51	3	38.4	1824	86.8	250	29	3	102	...	...	...
	44-37	2	37.7	2117	96.5	90	8	1	182	...	...	...
	63-46	1	44.1	1721	84.	62	0		193	...	...	...
Totals . . . . .	312-304		276.3	10,395	90.3	1263	236	8	970	...	...	...

MONATIQUOT SCHOOL.

TEACHERS.	Grade.	Enrollment.	Maximum Class Room Membership.	Average Membership.	Half-Day Absences.	Average Attendance.	Tardinesses.	Dismissals.	Truancies.	Visitors.	Average Age of Pupils, Sept. 15, 1897
Joseph A. Ewart, Principal	9	60	. . . . .	52.2	810	93.5	38	44	0	58	. . . . .
Susan A. O'Rourke . . . . .	8	49	. . . . .	41.7	982	90.2	45	29	1	62	. . . . .
Josephine B. Colbert . . . . .	7A	42	. . . . .	42.	861	90.9	29	20	0	54	. . . . .
Margaret E. C. Bannon . . . . .	6A	57	. . . . .	48.5	1178	89.9	35	15	0	102	. . . . .
Annie E. Crowell . . . . .	{ 7B	29	. . . . .	16.	429	88.7	19	3	0	31	. . . . .
January to June.	{ 6B	22	. . . . .	16.5	334	91.4	31	14	0	31	. . . . .
Joseph A. Ewart, Principal	9	48	48	46.4	424	94.4	22	25	0	95	13
Susan A. O'Rourke . . . . .	8	55	54	52.3	501	93.8	5	14	0	35	12
Josephine B. Colbert . . . . .	7A	48	50	49.3	600	92.3	14	13	1	15	11
Margaret E. C. Bannon . . . . .	6A	59	57	53.4	443	94.8	7	13	0	33	10
Annie E. Crowell . . . . .	{ 7B	26	26	24.1	256	93.4	8	8	0	23	12
September to October.	{ 6B	23	23	21.7	207	95.2	4	18	0	23	10



For the Year . . . . .	June	Dec.										
	9	48	...	49.9	1234	93.8	60	69	0	153	...	...
	8	55	...	45.9	1483	91.7	50	43	1	97	...	...
	7A	48	...	44.9	1461	91.5	43	33	1	69	...	...
	6A	59	...	50.4	1621	91.8	42	28	0	135	...	...
	{ 7B	26	...	19.2	685	90.6	27	11	0	54	...	...
	{ 6B	23	...	18.	541	92.9	35	32	0	54	...	...
Totals . . . . .	259	259	...	228.4	7025	92.	257	216	2	562	...	...

# UNION SCHOOL.

TEACHERS.	Grade.	Enrollment.	Maximum Class Room Membership.	Average Membership.	Half-Day Absences.	Average Attendance.	Tardinesses.	Dismissals.	Truancies.	Visitors.	Average Age of Pupils, Sept. 15, 1897
Avis A. Thayer, Principal .	{ 5	27	..	22.7	217	96.1	10	78	0	340	..
Hannah C. Whelan .	{ 4	23	..	19.7	225	95.2	27	17	0	0	..
Mabel L. Bates .	{ 4	7	..	4.7	54	95.2	6	3	0	118	..
Elizabeth B. Pray .	{ 3	47	..	38.8	436	94.6	46	55	2	210	..
January to June.	2	59	..	42.8	595	94.6	65	16	1	391	..
	1	55	..	28.	449	85.9	45	7	0	124	..
										Y. M.	
Avis A. Thayer, Principal .	{ 5	25	25	23.2	129	96.3	22	11	0	197	10
Hannah C. Whelan .	{ 4	26	24	23.7	117	96.7	1	8	0	0	8
Mabel L. Bates .	{ 4	11	10	9.3	32	97.6	4	5	0	65	8
Elizabeth B. Pray .	{ 3	39	37	35.9	241	95.4	14	8	0	62	7
Menetta A. Stevens, (Asst. from Nov. 15.)	2	47	45	42.4	364	94.9	24	4	0	192	6
September to December.	1	46	39	36.6	393	85.2	31	12	0	92	4
											10
											8
											8
											7
											10
											6
											4
											10

For the Year . . . . .	June.	Dec.																		
5	27	25	..	22.9	346	96.2	32	89	0	537	..	..	..	..	..	..	..	..	..	
4	23	26	..	21.3	342	95.8	28	25	0	0	..	..	..	..	..	..	..	..	..	
4	7	11	..	6.6	86	96.1	10	8	0	183	..	..	..	..	..	..	..	..	..	
3	47	39	..	37.6	677	94.9	60	63	2	272	..	..	..	..	..	..	..	..	..	
2	59	47	..	42.7	959	94.7	89	20	1	583	..	..	..	..	..	..	..	..	..	
1	55	46	..	31.5	842	85.6	76	19	0	216	..	..	..	..	..	..	..	..	..	
Totals . . . . .	218	194	..	162.6	3252	94.9	295	224	3	1791	..	..	..	..	..	..	..	..	..	

MIDDLE STREET SCHOOL.

TEACHERS.	Grade.	Enrollment.	Maximum Class Room Membership.	Average Membership.	Half-day Absences.	Average Attendance.	Tardiness.	Dismissals.	Truancies.	Visitors.	Av. Age of Pupils, Sept. 15, 1897.
Mabel T. Knight, . . . . . January to June.	2 1	7 10	. . . . . . . . . .	6.3 9.1	77 296	95. 85.1	0 0	0 0	0 0	47 ...	. . . . . . . . . . M.
Mabel T. Knight, . . . . . September to December.	2 1	11 11	. . . . . 22	8.5 9.3	85 126	93.7 91.6	0 0	0 0	0 0	42 ...	6 4 4 3
For the year, . . . . .	2 1	7 11 11 11	. . . . . . . . . .	7.1 9.2	162 422	94.5 87.7	0 0	0 0	0 0	... ...	. . . . . . . . . .
Totals, . . . . .		18 22		16.4	584	90.8	0	0	0	89	



# SOUTH WEST SCHOOL.

TEACHERS.	Grade.	Enrollment.	Maximum Class Room Membership.	Average Membership.	Half-Day Absences.	Average Attendance.	Tardinesses.	Dismissals.	Truancies.	Visitors.	Average Age of Pupils, Sept. 15, 1897
F. Gertrude Badger . . . .	2	13		12.2	100	94.6	0	0	0	4	Y. 6
September to December.	1	11	24	9.2	27	97.9	0	0	0	20	M. 3
		24		21.4	127	96.1	0	0	0	24	4
Total for all Schools during 1897 . . . . .		June. 1178 December. 1126		987	29086	92.	2514	1215	22	4140	

SUPERVISOR OF DRAWING,  
Helen E. Hewes.

## IN CONCLUSION

I wish to note the harmony, order and good will that have characterized the administration of the schools for the past six years. The steady progress of the schools has been due largely to this condition.

The parents, with few exceptions, have seemed to realize more fully that the schools, to be successful, must be sustained by their kindly co-operation and assistance. The school is a part of the home. A pupil who comes from a home in which this helpful spirit does not exist, never does succeed and never can.

This fuller appreciation of the importance of home and school co-operation is shown in the formation of the educational association at East Braintree. The society has already done much for the schools. I consider it the most important educational movement of the town during the past year.

The equipment for lighting the school assembly halls and class rooms affords excellent opportunities for educational meetings of teachers and parents and for school entertainments. It is hoped that they will be made an important means of bringing the home and school into closer relations.

It is impracticable to print a detailed inventory of school property, but such an inventory is on file and open for inspection at the various schools.

I am under obligations to the teachers for their sympathy and assistance, to the parents for their helpful interest and to the members of your board for their uniform courtesy and support.

Respectfully,

IRVING W. HORNE,

*Superintendent.*

February 10, 1898.

**TOWN OF BRAINTREE.**

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**REPORT**

OF THE

**Board of**

**Water Commissioners**

---

**From January 1, 1897, to December 31, 1897.**

## ORGANIZATION.

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*Board of Water Commissioners*

HON. JAMES T. STEVENS, T. HAVEN DEARING, M. D.  
JOHN V. SCOLLARD.

*Superintendent,*

WILLIAM E. MAYBURY.

*Treasurer,*

PETER D. HOLBROOK.

*Registrar and Collector,*

JOHN V. SCOLLARD.

*Engineer,*

JOHN W. MŪLCAHY.







# REPORT OF THE BOARD OF WATER COM- MISSIONERS.

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FROM JANUARY 1, 1897, to DECEMBER 31, 1897.

The Board of Water Commissioners respectfully present the following report of the department entrusted to its care :—

At the annual meeting in March, Hon. James T. Stevens was re-elected a member of the Board. The appropriations for the department were as follows : Hydrant service, \$4,050 ; sinking funds, \$5,120 ; extension of mains, \$2,000 ; all of which were made as recommended by this Board.

## ORGANIZATION.

The Board organized with Hon. James T. Stevens as chairman and John V. Scollard, secretary ; the Town Treasurer, Mr. Peter D. Holbrook was chosen Treasurer.

The Board of Sinking Fund Commissioners, which is composed of the water commissioners ex-officio, organized by the choice of the same officers as the water board.

John V. Scollard was chosen collector of water rates and filed a bond of \$3,000 with the Town Treasurer.

Mr. William E. Maybury continues in the capacity of superintendent of the system to the satisfaction of the Board



and we believe to the public. John W. Mulcahy, the engineer at the pumping station still remains performing satisfactory work for the department.

We have reason to congratulate ourselves that our limited supply of water was not particularly felt during the past year, on account of the unusually wet season.

It was our expectation that in the report of this year we would be able to state the driven wells put in last year had demonstrated their value and utility as an adjunct to the system. We regret that on account of unforeseen circumstances over which neither party to the transaction had absolute control, and for reasons certainly entirely beyond the powers of this board, we have not had an official test of the wells, or had the benefit which we should derive from the \$3,250 which we invested in the undertaking.

The contract not being fulfilled at the time specified, we objected to a test being made under conditions more unfavorable to the town than if it was made at the time agreed upon. The position of this board upon this matter is well set forth in the following letter to the N. Y. Hydraulic Construction Co. :—

BOSTON, MASS., January 14, 1897.

*Mr. William D'H. Washington, President Hydraulic Construction Co., 145 Broadway, New York City.*

My dear Washington :—With regard to the construction of wells under contract with your company, we desire to say that through circumstances possibly beyond your control, and certainly through no fault of this Board, the work has been greatly delayed. Under your contract, the job was to be completed and turned over to the town on Nov. 18, 1896. At that time we stood in readiness to test the job and pay for the water furnished pro rata as per agreement. We have no disposition to take any advantage of you on account of the breaking of the contract by the limitation of time, although if



the wells were completed at the time specified, the use of the water during the past six weeks would be of material value to the town. However, while we do not wish you to suffer any loss by reason of your failure to complete the job in the time agreed upon, on the other hand, we do not think that the town should be placed at a disadvantage in having a test made under circumstances more favorable to you than if the test was made at the time when the contract ought to be fulfilled. Of course you recognize the fact, that as the pond and the surrounding water shed is fuller now than on Nov. 18, 1896, a test made at the present time would show more water than a test made at the date set by the contract.

We think that you will recognize the fairness of our position in suggesting that the test be made under conditions as favorable to both parties as would have prevailed on Nov. 18, 1896. If you do not desire the test postponed, it might be arranged so that on estimate you would furnish sufficient water, in addition to the amount to be paid for, as would make up the difference between the water which the ground would furnish at the present time and what it would have supplied on Nov. 18, 1896.

Hoping that you will appreciate our disposition to deal entirely fairly with your company, and expressing satisfaction with our past dealings with you, we remain,

Yours very truly,

JNO. V. SCOLLARD, *Secretary.*

For Board of Water Commissioners of Braintree, Mass.

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Of course, as is well known, the pond continued extremely high until well into the summer, precluding us from having a test upon equitable terms. However, when the pond receded to thirteen inches below the high water mark, we noti-

fied the contractor of our willingness to make the test by the following letter :—

SO. BRAINTREE, MASS., July 20, 1897.

*Hydraulic Construction Co., Wm. D'H. Washington, Pres.*

My dear Washington :—The water board hereby notifies your company that it stands ready to test the wells put in by you under contract with this town. The board desires to commence the test on Saturday, July 24, 1897, at 8 A. M. The water in Little Pond is now twelve inches below high water mark.

If the date set is agreeable to you, kindly notify us of the fact.

Hoping you are in good health,

We are truly yours,

BRAINTREE WATER COMMISSIONERS,

By JOHN V. SCOLLARD, Clerk.

Mr. Ryder, who put in the wells, being away in the South at this time, the Hydraulic Construction Co., put off the test. We have endeavored since to bring the matter to a settlement, but are unable to report that the wells have been tested and taken by the town. The season was such that we did not suffer great inconvenience from not having the use of the well system.

While the well system will not yield the amount confidently expected by the contractor, we are well assured that it will prove a valuable adjunct to the system, and will solve the problem of increased supply for the next ten or fifteen years at a very small outlay.

We must say that the contractor has given us an excellent piece of work, and although settlement has been delayed at a great disappointment to us, we can assure the town that the matter will be adjusted in an equitable and satisfactory manner.

During the year we had constructed a small carriage shed and storehouse at the pump house grounds. The convenience of this is especially manifest. We take pleasure in noting the improved condition of the stand-pipe lot. We think it is generally appreciated that the town acted wisely in purchasing the adjoining land, as recommended by the board. With a little care these grounds can be kept neat and attractive.

During the coming year we expect to erect a suitable covering over the standpipe. We have considered this matter for some time. Dr. Dearing, of this board, has specially investigated the matter, and the best authorities seem to agree that the effect of light upon a large body of stored water has the effect of encouraging vegetable growth which we sometimes notice as chrenothrix in the water.

We have made several extensions of mains. The work has been done by the day under the direction of the Superintendent.

We continue to insist upon a guarantee of six per cent. revenue on cost of construction. Parties upon West street petitioned for a special town meeting to act upon the matter of extending in the vicinity of Five corners, so called. The town referred the matter to this board, and, under the vote, we are glad to say that we saw our way clear to extend the pipe line to this neighborhood. We recommend the town to pursue a liberal policy with regard to extensions, as nothing does more to develop a town than a general water service. We think it will be wise to appropriate at the coming town meeting the sum of \$2,000 for extension of mains.

As the sinking funds grow larger, it requires much care to keep the money invested so as to realize 4 per cent. We



have, however, been able to do this thus far ; for a detailed report of the various sinking funds we refer you to the report of the Treasurer. For information as to the practical operation of the system, we refer you to the report of the superintendent, together with the statistical and financial report, all of which is respectfully submitted.

JAMES T. STEVENS,  
T. HAVEN DEARING,  
JOHN V. SCOLLARD,

*Board of Water Commissioners of Braintree.*



## SUPERINTENDENT'S REPORT.

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*To the Honorable Board of Water Commissioners of the Town of Braintree:*

GENTLEMEN :—The Superintendent of the Water Department respectfully submits his annual report for the year ending Dec 31, 1897.

Forty-seven new service pipes were laid during the year, kind of pipe, size and number of feet laid as follows :—

$\frac{5}{8}$ inch lead pipe . . . .	1509 feet 0 inches
$\frac{3}{4}$ inch lead pipe . . . .	93 feet 8 inches
$\frac{3}{4}$ inch galvanized iron pipe . .	779 feet 6 inches
$1\frac{1}{4}$ inch galvanized iron pipe . .	38 feet 6 inches
$1\frac{1}{4}$ inch lead pipe . . . .	18 feet 1 inch
Total . . . . .	<hr/> 2438 feet 9 inches

Total service pipe in system Dec. 31, 1897—71,489 feet 6 inches=13.53+miles.

### EXTENSION OF MAIN DURING 1897.

Two-inch pipe in Randall avenue, 63 feet, running east from old line to dead end.

Four-inch pipe in Sheridan street, west from Sherman road, 371 feet 6 inches to dead end.

Four-inch pipe in M. & H. avenue, south from Hollis avenue, 326 feet to dead end.

Four-inch pipe in Pennock avenue, east from Washington street, 193 feet 6 inches to dead end.

Four-inch pipe in Hunt avenue, west from Middle street, 295 feet to dead end.

Six-inch pipe in Academy street, west from Washington street, 471 feet 6 inches to dead end.

Six-inch pipe in Union street, east from dead end to dead end, 36 feet 6 inches.

Six-inch pipe in Sherman road, south from Pond, 90 feet 6 inches to dead end.

Six-inch pipe in Franklin street, north from dead end to dead end, 202 feet.

Six-inch pipe in Franklin street, north from dead end to West, 554 feet.

Six-inch pipe in West street, west from Franklin street to dead end, 756 feet.

Six-inch pipe in Pond and Granite streets, south from 12-inch line to dead end, 788 feet.

Eight-inch pipe in Pearl street, running north to connect with N. Y., N. H. & H. R. R. Co.'s pipe line in yard, 27 feet.

Eight-inch pipe in Union street, running south to connect with N. Y., N. H. & H. R. R. Co.'s pipe line in yard, 36 feet 6 inches.

Eight-inch pipe in N. Y., N. H. & H. R. R. Co.'s yard, running from Pearl street to Union street 2,123 feet; this pipe was put in by the railway company and connected to the main by the town.

#### HYDRANT BRANCHES.

Four-inch pipe in hydrant branches in N. Y., N. H. & H. R. R. Co.'s yard at South Braintree, 334 feet.

Four-inch pipe in hydrant branches, 6 feet 6 inches.

Six-inch pipe in hydrant branches, 40 feet 6 inches.

## BLOW-OFF PIPES.

Three-fourths inch blow-off on end of pipe line, Hancock street, 21 feet 6 inches, on west line of Hancock street at service No. 970.

Three-fourths inch blow-off on end of line, M and H avenue, 26 feet, on east line of avenue at service No. 1043.

Three-fourths inch blow-off on end of line, Pennock avenue, 12 feet at service No. 1048 in gutter on south line.

Three-fourths inch blow-off on end of line, Hunt avenue, 8 feet 6 inches at service No. 1047 on south line of avenue.

## EXTENSION OF SYSTEM DURING 1897, AS FOLLOWS :

$\frac{3}{4}$ -inch blow-off pipe	.	.	.	68 feet
2-inch main pipe	.	.	.	63 feet
4-inch main pipe	.	.	.	1186 feet
6-inch main pipe	.	.	.	2898 feet 6 inches
8 inch main pipe	.	.	.	2186 feet 6 inches
4-inch hydrant branches	.	.	.	340 feet 6 inches
6-inch hydrant branches	.	.	.	40 feet 6 inches
Total	.	.	.	6,783 feet

## DISTRIBUTION MAINS IN OPERATION.

DEC. 31, 1897.

12-inch	.	.	.	.	5,705 feet 6 inches
10-inch	.	.	.	.	10,407 feet 10 inches
8-inch	.	.	.	.	10,467 feet
6-inch	.	.	.	.	80,658 feet 6 inches
4-inch	.	.	.	.	11,211 feet
2-inch	.	.	.	.	4,303 feet 5 inches
$1\frac{1}{4}$ -inch	.	.	.	.	235 feet 11 inches
1-inch	.	.	.	.	541 feet 9 inches
$\frac{3}{4}$ -inch	.	.	.	.	224 feet 2 inches

Total . . . . . 123,755 feet 1 inch

23.44+miles.

NUMBER, LOCATION AND DESCRIPTION OF VALVES SET IN EXTENSION  
DURING 1897. W. E. MAYBURY, SUPERINTENDENT.

Valve Nos.	STREET.	LOCATION, POSITION.	VALVE SIZES.			
			8 IN.	6 IN.	4 IN.	$\frac{3}{4}$ IN.
185	Academy st.	On West line of Wash- ington st.		1		
186	N. Y., N. H. & H. R. R. yard.	On North line of Paul st. Private.	1			
187	N. Y., N. H. & H. R. R. yard.	On South line of Union st. Private.	1			
188	Union st.	In main line, 3 feet E. of track No. 5.		1		
189	Sherman road.	On South line of Pond st.		1		
190	Sheridan st.	On West line of Sher- man road.			1	
191	Franklin st.	12 feet North of hy- drant No. 169.		1		
192	West st.	On West line of Granite st.		1		
193	M. & H. ave.	On South line of Hollis ave.			1	
194	Granite st.	In main line, 23 feet W. of stone bound.		1		
195	Pennock ave.	On East line of Wash- ington st.			1	
196	Hunt ave.	On West line of Middle st.			1	
197	Hancock st. Blow-off.	4 min. 6 secs. West of main and 6 min. North of Service No. 970.				1
<i>Number Total Valves carried forward . .</i>			2	6	3	1



Valve Nos.	STREET.	LOCATION, POSITION.	VALVE SIZES.			
			8 IN.	6 IN.	4 IN.	$\frac{3}{4}$ IN.
Number Total Valves brought forward . .			2	6	3	1
198	M. & H. ave.	4 feet South of house on Blow-off East line of ave.				1
199	Pennock ave.	5 feet East of Service Blow-off No. 1048, on main line.				1
200	Hunt ave.	On end of 4 in. main, 3 feet East of West line of Double House Service, No. 1047.				1
201	N. Y., N. H. & H. R. R.	6 feet West of hydrant No. 165. Private yard.			1	
202	N. Y., N. H. & H. R. R.	137 feet West of hydrant No. 166. Private yard.			1	
203	N. Y., N. H. & H. R. R.	139 feet West of hydrant No. 167. Private yard.			1	
204	N. Y., N. H. & H. R. R.	12 feet West of hydrant No. 168. Private yard.			1	
Total Valves set, 1897 . . . . .			2	6	8	4

## CONSTRUCTION.

TURN TO OPEN.	BELL OR SPIGOT.	MAKER.
Left.	Bell.	Rensselear Mfg. Co.
Left.	Bell.	Walworth Mfg. Co.
Left.	Bell.	Chapman Valve Co.
Left.	Thread. †	Chapman Valve Co.
Left.	Stop Cock. ‡	Newport Pattern.

NUMBER, LOCATION AND DESCRIPTION OF HYDRANTS SET.    EXTENSION  
OF 1897.

Hydrant Nos.	Street.	Location. Position.	No. Nozzle. 2 Hose. 1 Steamer.	Length of Connection.	
				6 in.	4 in.
164.	Academy st.	445 West of Washington st.	1	ft. 10	in. 6
165. Private	N. Y., N. H. & H. R. R.	399 feet N. of north line of yard. Pearl st.	1		ft. 12
166. Private	N. Y., N. H. & H. R. R.	444 feet N. of hydrant No. 165.	1		ft. 146
167. Private	N. Y., N. H. & H. R. R.	423 feet N. of hydrant No. 166.	1		ft. 149
168. Private	N. Y., N. H. & H. R. R.	532 feet N. of hydrant No. 167.	1		ft. 27
169.	Franklin st.	12 feet South of gate No. 191.	1	ft. 8	in. 6
170.	West st.	654 West of Granite st.	1	ft. 11	
171.	Pond st.	766 feet South of gate No. 194, Gran- ite st.	1	ft. 10	in. 6
172.	Sheridan st.	353 West of Sherman rd.	1		ft. 6    in. 6
Total Hydrants set, 1897 . . . . .			9		

## CONSTRUCTION.

TURN TO OPEN.	BELL, PLAIN OR		FROST CASE.	MAKER.
	BOLTED.			
Left.	Bolted.	No.		Coffin Valve Co. (Improved.)
Left.	Bell.	Frost Case.		Coffin Valve Co. (Plug.)
Left.	Bell.	No.		Ludlow Co.

## PUMPING RECORD FROM JANUARY 1, 1897, TO JANUARY 1, 1898.

	Gals. Pumped from Gallery.	Gallons Pumped from Wells.	Hours Pumping from Gallery.	Hours Pumping from Wells.	Gallons daily Avei- age.	Pounds of Coal Used.	Gallons Pumped per 100 Pounds Coal.
January, .	11,511,174	1,047,120	397 h. 05 m.	43h. 15m.	405,106	53,793	23,345
February, .	11,690,571		354 h. 20 m.		417,520	50,875	22,979
March, .	12,024,540	933,555	404 h. 25 m.	48h. 00m.	418,003	65,463	19,794
April, .	10,691,111		335 h. 40 m.		356,370	47,652	22,436
May, .	9,890,037	896,904	229 h. 35 m.	35h. 10m.	347,966	41,719	25,856
June, .	10,632,920	1,001,640	273 h. 25 m.	48h. 00m.	387,818	44,774	25,985
July, .	11,501,712		314 h. 40 m.		370,023	52,162	22,049
August, .	10,758,441		262 h. 15 m.		347,046	47,562	22,619
September, .	10,396,692		290 h. 55 m.		346,556	45,595	22,802
October, .	9,856,645		391 h. 05 m.		342,434	51,482	17,652
November, .	9,625,670		502 h. 15 m.		320,853	47,888	20,100
December, .	10,275,626		466 h. 50 m.		331,471	51,270	20,042
Total, .	128,855,139	3,120,404	4,222 h. 30 m.	174h. 25m.		600,235	
Daily Average	361,576		12 h. 3 m.			1,644	21,987

Largest day pumping was June 3, 1,029,379 gallons.

Smallest day pumping was June 20, 158,900 gallons.



Total number of valves in operation Dec. 31, 1897, 204.

Total number of hydrants in operation, Dec. 31, 1897, 172.

#### IMPROVEMENTS.

At the end of Little pond towards Franklin Street there was a heavy growth of willow and under brush. We found at times the fish would get in among the brush causing them to die. It was impossible to get at them. To overcome this difficulty we have cut out a greater part of the willows, cleared up the under brush and practically cleared out that end of of the pond.

There has been a brick well built at the end of overflow pipe with cover on same to prevent its being filled up.

For the protection of the horses which were compelled to stand out in the storm and cold, we have erected a very neat shed at the right of road leading to the pumping station.

During the past season, when the water was at its lowest point, we cleaned out the artificial pond in front of the pumping station. I have also paid very particular attention to the gallery in station, the water has been pumped out and the walls of the gallery perfectly cleaned; the bottom of the gallery, which is formed of gravel, has all been raked over and thoroughly cleansed.

The embankment just north of the pumping station has been removed and used in filling up around the air chambers and covering for the main pipe line to the wells. It has also improved the general appearance on the north side of the station, affording us a better driveway to our coal bin.

#### BOILERS.

The brick work on the inside of the boilers has been renewed this season.

Also the blow-off pipe on No. 1 boiler has been renewed. The piping, gauges, and other fittings are in good condition. The boilers are in first-class condition. It was necessary to put in a new section of smoke pipe or flue from the build-

ing wall to the chimney this summer, as the old one burnt or rusted out, being exposed to the weather.

#### PUMPING STATION.

The floor of the pumping station is in poor condition. The chimney should be retopped as the cap or covering of the top has blown off. The roof should be repaired; there have been some slate blown off and the gutter should also be repaired.

#### PUMPS.

The pumps are all in good condition with exception of some minor details such as a new joint or a valve spring, etc. We will, however, overhaul them during the early spring, for the purpose of understanding their condition for the coming dry season; that we may avoid any possible accident.

#### STAND PIPE.

The stand pipe is in a good general condition. We have thought some of putting a cover on the top of same; should this be done it would be well to board over the balcony and give the outside of pipe a coat of paint.

#### HYDRANTS.

The department has taken out two of the Whittier hydrants and replaced them by the Coffin Improved Gate Hydrant. They also took out one of the Coffin hydrants and replaced it with a plug hydrant. There have been four hydrants taken out, repaired and reset.

I am at present using a new make of Coffin hydrant, known as the plug hydrant. One of the advantages of this hydrant is that it can be repaired with out digging it up.

It was found necessary to take out and reset one hydrant on account of a change in the line of the street.

#### GATES.

There were but two leaks on gates during the past season.

## MAIN LEAK.

There has been but one leak on the mains this season, a very slight joint leak, causing no trouble of any account.

## SERVICE LEAK.

Only five leaks on service pipes this season. Two were from pipes rusting out, one from a leak in side wall stop and two from old lead connections on main.

## BRIDGE BOXES.

The department were compelled to put a new pipe cover or box across the N. Y., N. H. & H. R.R. Co's. track at Middle street, as the old one was decayed and was dangerous.

## ELECTRIC WATER GAUGE.

I would recommend that a telemeter be attached to the stand-pipe to enable the Engineer to determine the height of water in the stand-pipe. Under the present conditions it is impossible, while the pumps are working, to ascertain the exact height of the water.

## DAMPER REGULATOR.

The Superintendent would respectfully recommend the purchasing of a damper regulator. By its use it would enable us to save from 8 to 10 per cent. of fuel with proper attention. It would add to the life of the boilers, as there is not the same opportunity to admit the cold air to the boiler, causing extreme contraction which is detrimental. By its use the steam pressure is at all times practically the same, which allows the pumping machinery to maintain an even speed.

## EXTENSIONS AND IMPROVEMENTS OF PIPE LINES.

I would advise the connecting of the six-inch pipes on Hancock street together, which would do away with two dead ends; also I would extend the pipe from Hancock street west



through what is known as Highland avenue, and connect with dead end, which would do away with another dead end and would make a cross circulation between Washington street and Hancock street.

The distribution mains south of Summer street are small, and by doing away with the dead ends as much as possible and getting a better circulation, it affords the town a much better fire protection as well as a better quality of water. In addition to the above recommendation I would also recommend that the six-inch pipe running south from Summer street to Pearl street be taken up and replaced by a ten-inch pipe, as at the present time the largest pipe south of Summer street is but six-inch.

To improve the fire protection and to protect the property in the south part of the town, I would recommend a large four-way hydrant to be placed in front of the Holbrook block so called, to take the place of the present one, which is only supplied by a 6-inch pipe.

I trust the Honorable Board of Water Commissioners and the townspeople will all give the above recommendations a careful study as in my judgment it would be a very advisable move in the direction of improvement.

I have stated in this report as far as I can see the exact state of the system at the present time and such improvements as I think beneficial or necessary for the future. I have endeavored to familiarize myself with the growing needs of the system. I consider that a thorough understanding of the work is due to the townspeople who are interested.

Respectfully submitted,

W. E. MAYBURY, *Superintendent.*



## SCHEDULE OF PROPERTY OF DEPARTMENT.

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### ENGINE ROOM.

- 1 flat top desk.
- 3 chairs.
- 1 step ladder, 3 ft.
- 1 clock.
- 1 brass tray and 4 brass oil cans.
- 1 screw driver.
- 2 hand hammers.
- 2 24-inch monkey wrenches.
- 2 9-inch monkey wrenches.
- 1 6-inch monkey wrench.
- 1 14-inch Stilson wrench.
- 1 6-inch Stilson wrench.
- 1 sledge hammer.
- 1 1-inch wrench steel.
- 1 1½-inch wrench steel.
- 1 packing hook.
- 1 packing worm.
- 5 bits of various sizes.
- Lot of water glass rubbers and seats for Jinkins valves.
- 1 pipe cutter, small.
- 1 12-inch square.

### FIRE ROOM.

- 1 window brush.
- 1 large ash hoe, wooden handle.
- 1 iron poker.

- 1 iron hoe.
- 1 slice bar.
- 1 pair platform scales.
- 1 iron wheelbarrow.
- 1 steam tube blower.
- 1 tube scraper.
- 50 feet  $\frac{1}{2}$ -inch garden hose.
- 2  $\frac{1}{2}$ -barrel oil tanks.
- 1 lot pump wrenches.
- 1 watering pot.
- 1 hand lantern.
- 2 S wrenches.
- 1 reflecting lamp.
- 1 mason trowel.
- 1 iron pail.
- 1 broom.
- 1 dust brush.
- 1 scoop shovel.
- 1 lead hammer.
- 24-inch ring packing, Eagle brand.
- 12-inch ring packing, Gould's.
- 1 box  $\frac{1}{2}$ -inch square flax packing.
- $\frac{1}{2}$  box  $\frac{3}{4}$ -inch square flax packing.
- $\frac{1}{4}$  box 1-inch square flax packing.
- 2 $\frac{1}{2}$  pounds Eureka  $\frac{1}{4}$ -inch packing.
- 1 pound Eureka  $\frac{3}{8}$ -inch packing.
- Small sheet Jinkins packing.
- 15 pump springs.
- 1 1-inch Jinkins valve.
- 1  $\frac{3}{4}$ -inch Jinkins valve.
- 2 manhole gaskets.
- 12  $\frac{3}{4}$ -inch glasses, 13 inches long.
- 3  $\frac{3}{4}$ -inch glasses, 6 inches long.
- 6  $\frac{3}{8}$ -inch glasses, 3 inches long.
- 1 grindstone.

AT STABLE, REAR OF TOWN HOUSE.

- 1 bay horse.
- 1 halter.

- 1 express harness.
- 1 express wagon.
- 1 pung.
- 1 democrat wagon.
- 1 wheel jack.
- 1 wrench for express wagon.
- 1 street blanket.
- 1 fur robe.
- 1 hitch ropé.
- 1 main brush.
- 1 curry comb and brush.
- 1 box harness soap.
- 1 small sponge.
- 1 wagon sponge.
- 1 scoop shovel.
- 1 snow shovel.
- 1 hay fork.
- 1 manure fork.
- 1 broom.
- 1 box lantern.
- 1 circingle.
- 1 4 quart measure.
- 1 grain box.
- 40 lbs. straw bedding.
- 4 bells for sealing faucets.
- 1 stamp for sealing.
- 1 2-horse scraper.
- tools.
- 1 derrick.
- 1 small fall.
- 1 large fall.
- 1 ditch pump and hose.
- 1 Hall tapping machine, with tools for same ; gaskets from 4  
to 12 inches.
- 1 bit stock and bits.
- 1 1 gallon oil can.
- 1 5 gallon oil can.
- 2 iron tampers.

- 3 crow bars.
- 1 lead furnace, poker and ladle.
- 1 2 foot wrench for corporation C.
- 1 coil steel wire.
- 2 tool boxes.
- 24 shovels, R. P., 3 feet 6 inch handles.
- 42 picks.
- 2 dog chisels.
- 13 lanterns.
- 1 long handle shovel, R. P.
- 2 grub hoes.
- 1 50 foot tape measure.
- 2 set blast drills.
- 3 striking hammers.
- 1 stone hammer.
- 1 diaphragm for ditch pump.
- 1 coarse screen.
- $\frac{1}{2}$  grate for lead furnace.
- 3 ladders.
- 4 carpenter's horses.
- 1 set of clamps for repairing hydrants.
- 1 die stock, with dies from  $1\frac{1}{4}$  inches to 2 inches.
- 1 Armstrong die stock, with dies from  $\frac{1}{4}$ -inch to 1-inch.
- 1 racket die stock, with dies from  $\frac{1}{2}$ -inch to  $\frac{3}{4}$ -inch.
- 1 3-wheel cutter.
- 1 wheel cutter for cast iron pipe from 4 inches to 8 inches.
- 1 pipe bench and vice.
- 1 10-inch monkey wrench.
- 2 18-inch Stilson wrench.
- 1 24-inch       “       “
- 1 36-inch       “       “
- 2 hydrant wrenches.
- 3 pair pipe tongs.
- 1 hand saw.
- 1 gasoline furnace and ladle.
- 3 flat files.
- 1 carpenter's hammer.
- 1 set caulking tools.



- 1 garden hose.
- 1 bush scythe and snath.
- 1 hay    "    "    "
- 1 garden rake steel.
- 1 forge.
- 1 heavy blasting chain.
- 1 lawn mower.
- 1 lawn roller.
- 1 set wrenches for hydrants.
- 24 pick handles.
- 4 wire guys for stand pipe.
- 1 service wrench.
- 3 main gate wrenches.
- 1 coil  $\frac{1}{8}$ -inch block tin thawing pipe.

#### PIPE FITTINGS AT TOOL ROOM.

- 23  $\frac{1}{2}$ -inch galvanized elbows.
- 12  $\frac{1}{2}$ -inch    "    tees.
- 4  $\frac{1}{2}$ -inch    "    union.
- 1  $\frac{1}{2}$ -inch    "    C nipple.
- 4  $\frac{1}{2}$ -inch    "    caps.
- 6  $\frac{1}{2}$ -inch    "    45° elbows.
- 5  $\frac{1}{2}$ -inch    "    plugs.
- 6  $\frac{1}{2}$ -inch    "    drop tees.
- 37  $\frac{3}{4}$ -inch    "    elbows.
- 75  $\frac{3}{4}$ -inch    "    drop tees.
- 54  $\frac{3}{4}$ -inch    "    plane tees.
- 31  $\frac{3}{4}$ -inch    "    unions.
- 50  $\frac{3}{4}$ -inch    "    45° elbows.
- 28  $\frac{3}{4}$ -inch    "    caps.
- 22  $\frac{3}{4}$ -inch    "    plugs.
- 43  $\frac{3}{4}$ -inch    "    C nipples.
- 3 1-inch    "    elbows.
- 1 1-inch    "    tee.
- 1 1-inch    "    couplin.
- 1 1-inch x  $\frac{3}{4}$ -inch galvanized couplin.
- 1 1-inch x  $\frac{3}{4}$ -inch    "    bushing.
- 3 1 $\frac{1}{4}$ -inch galvanized elbows.
- 4 1 $\frac{1}{4}$ -inch galvanized 45° elbows.

- 18  $\frac{3}{4}$ -inch enameled couplings.
- 6  $\frac{3}{4}$ -inch enameled drop tees.
- 4  $\frac{3}{4}$ -inch 45° enameled elbows.
- 1  $\frac{3}{4}$ -inch enameled elbow.
- 8 1-inch enameled couplings.
- 1 1-inch enameled tee.
- 4 1-inch enameled unions.
- 9 1-inch x  $\frac{3}{4}$ -inch enameled tees.

## BRASS FITTINGS.

- 1  $\frac{1}{2}$ -inch male solder nipple.
- 36  $\frac{3}{4}$ -inch male solder nipples.
- 24  $\frac{3}{4}$ -inch female solder nipples.
- 3 1-inch male solder nipples.
- 1  $1\frac{1}{4}$ -inch male solder nipple.
- 1 2-inch male solder nipple.
- 16 bells for sealing faucets.
- 2 1-inch S. & W., lever handles.
- 7  $\frac{3}{4}$ -inch S. & W., Libby pattern.
- 7 Chapman S. & W.,  $\frac{3}{4}$ -inch T. H.
- 12 Chapman S. & W.,  $\frac{3}{4}$ -inch W. H.
- 21 Gorham S. & W. T. H.,  $\frac{3}{4}$ -inch.
- 18 sidewalk S. & W. for iron pipe.
- 39 sidewalk S. & W. for lead and iron pipe,  $\frac{3}{4}$ -inch.
- 4 corporation cocks,  $\frac{3}{4}$ -inch.
- 11 nickel faucets,  $\frac{3}{4}$ -inch.
- 8 sillcocks, nickel plated,  $\frac{3}{4}$ -inch.
- 4 Jenkins angel valves,  $\frac{3}{4}$ -inch.
- 1 brass union,  $1\frac{1}{4}$ -inch.
- 3 brass steamer nipples.

## MAIN GATES AND PIPING.

- 1 2-inch Chapman gate.
- 1 6-inch Chapman gate.
- 1 6-inch Rensselaer gate.
- 11 8-inch Rensselaer gates.
- 4 10-inch Rensselaer gates.
- 11 12-inch Rensselaer gates.
- 1 4-inch sleeve.

- 10 8-inch sleeves.
- 1 10-inch sleeve.
- 3 12-inch sleeves.
- 4 4-inch plugs.
- 6 6-inch plugs.
- 2 8-inch plugs.
- 1 10-inch plug.
- 4 main gate boxes.
- 1 6-inch 30° bend.
- 1 6-inch cross.
- 2 8 x 8 x 6 tees.
- 1 10 x 10 x 6 tee.
- 1 8 x 8 x 4 tee.
- 1 6-inch tee.
- 1 6-inch Y.
- 1 10-inch to 6-inch reducer.
- 1 8-inch to 6-inch “
- 1 12 x 12 x 6 tee.
- 1 6-inch 45° bend.
- 1 6-inch elbow.
- 1 12 x 12 x 4 tee.
- 2 No. 6 bases.
- 14 lengths 4-inch pipe.
- 4 “ 6-inch “
- 12 “ 8-inch “
- 8 “ 12-inch “
- 6 short pieces 4-inch pipe.
- 41 “ “ 6-inch “
- 15 “ “ 10-inch “
- 8 “ “ 12-inch “
- 1 service box.

#### MISCELLANEOUS STOCK.

- 1  $\frac{3}{4}$ -inch cast iron elbow.
- 3  $\frac{3}{4}$ -inch cast iron 45° elbows.
- 1  $\frac{3}{4}$ -inch cast iron tee.
- 1 1x1 $\frac{1}{2}$ -inch cast iron elbow.
- 1 1 $\frac{1}{2}$ -inch cast iron elbow.

- 1  $1\frac{1}{2} \times \frac{3}{4} \times 1\frac{1}{2}$ -inch tee.
- 2  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{4}$ -inch tees.
- 4  $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ -inch tees.
- 2  $1\frac{1}{2}$ -inch cast iron tees.
- 1  $1\frac{1}{4}$ -inch cast iron R. & D. coupling.
- 2 2-inch cast iron plugs.
- 2  $2 \times 1\frac{1}{2}$ -inch mall bushings.
- 1  $3 \times 2\frac{1}{2}$ -inch mall iron bushings.
- 3 tees  $2 \times 2 \times \frac{3}{4}$ -inch, cast iron.
- 1 nipple,  $3\frac{1}{2}$ -inch.
- 7 tees, 2-inch, cast iron.
- 5 elbows, 2-inch, cast iron.
- 8 plugs, 2-inch, cast iron.
- 75 couplings, 2-inch.
- 4 caps for Str. nozzles.
- 18 caps for hose nozzles.
- 2  $\frac{3}{4}$ -inch meters.
- 8  $\frac{1}{2}$ -inch meters.
- 1 Coffin hydrant.
- 1 box of  $\frac{7}{8}$ -inch screws F. H.
- $\frac{1}{2}$  box of  $1\frac{1}{2}$ -inch screws R. H.
- 160 feet  $\frac{3}{4}$ -inch galvanized pipe.
- 45 feet  $\frac{1}{2}$ -inch galvanized pipe.
- 57 feet 2-inch galvanized pipe.
- 750 shingles.
- 1 set of flooring for stand-pipe balcony.
- 24 grate bars for boiler No. 1.
- 1 grate bar for boiler No. 2.
- 3 old baring bars.
- 2 set furnace door linings.
- 160 fire brick.
- 104 hard brick.
- 100 feet spruce boards.
- 60 feet spruce lumber, odds and ends.
- 40 pounds short pieces rope.
- $\frac{1}{2}$  barrel of clay.
- 1 8-inch tee with flange ends, tap 2 inches.
- 1 3-inch elbow.



19 feet 3-inch pipe.  
 50 feet lead pipe,  $\frac{3}{4}$ -inch.  
 10 feet lead pipe,  $\frac{5}{8}$ -inch.  
 4 pigs of lead.  
 42 wheels for S. & W. rods.  
 1 coil of yarn, 50 pounds.  
 6 feet tin lined lead pipe.  
 1 clamp  $\frac{3}{4}$ -inch S. & W.  
 3 quarts of lard oil.

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## REPORT OF JOHN V. SCOLLARD, COL- LECTOR OF WATER RATES FOR 1897.

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The Collector is charged as follows :—

Water rates . . . . .	\$14,965 70	
Uncollected rates, 1896 . . . . .	3,070 38	
Pipes, etc. . . . .	840 20	
Uncollected pipes, etc., 1896 . . . . .	799 98	
	<hr/>	\$19,676 26

The Collector is credited as follows :—

Water rates uncollected . . . . .	\$4,356 84	
Pipes, etc., uncollected . . . . .	1,017 56	
Abatements . . . . .	769 68	
Amount collected and paid		
Treasurer . . . . .	13,532 18	
	<hr/>	\$19,676 26

We, the undersigned, Auditors of Braintree, hereby certify that we have examined the books and accounts of John V. Scollard, Collector of Water Rates, and find them correct, and find that he has paid all money collected to the Town Treasurer.

DANIEL POTTER,  
 CHAS. G. SHEPPARD,  
*Auditors of Braintree.*

## STATISTICAL.

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No. of services . . . . .	1,049
No. of families supplied . . . . .	1,075
No. of bath tubs. . . . .	205
No. of water closets . . . . .	260
No. of horses . . . . .	285
No. of cows . . . . .	97
No. of factories, stores and shops . . . . .	31
No. of livery stables . . . . .	1
No. of school houses . . . . .	6
No. of green houses . . . . .	6
No. of hose houses . . . . .	3
No. of churches . . . . .	6
No. of halls . . . . .	6
No. of cemeteries . . . . .	2
No. of railroad tanks . . . . .	1
No. of ice houses . . . . .	1
No. of boarding houses . . . . .	2
No. of club rooms . . . . .	1
No. of power stations . . . . .	2
No. of hydrants added 1897 . . . . .	4
No. of services added 1897 . . . . .	47
No. of houses not reached by system . . . . .	137
No. of houses on pipe line not supplied . . . . .	68
Population . . . . .	5,310

Average daily consumption, 68+ gallons.

## FINANCIAL.

### SERVICE CONSTRUCTION.

Pay of men . . . . .	\$618 65	
Walworth Manufacturing Co., supplies . . . . .	25 82	
A. F. Powers, supplies . . . .	3 88	
O. M. Rogers, supplies . . . .	11 70	
Thomas Hoey, supplies . . . .	221 94	
Eagle Oil & Supply Co., sup- plies . . . . .	23 68	
Chapman Valve Manufacturing Co., supplies . . . . .	27 43	
G. C. Whorf & Co., supplies . .	7 50	
	<hr/>	\$940 60

### PUMPING STATION.

Pay of men . . . . .	\$1,680 57	
Waldo Bros., supplies . . . .	1 10	
W. F. Sanborn, supplies . . . .	1 30	
Fore River Engine Co., sup- plies . . . . .	17 03	
Eagle Oil & Supply Co., sup- plies . . . . .	59 05	
T. R. Fitch, supplies . . . . .	9 00	
	<hr/>	
<i>Amount carried forward,</i>	\$1,768 05	

<i>Amount brought forward,</i>	\$1,768 05	
H. W. Johns Manufacturing Co., supplies . . . . .	2 90	
C. E. Roberts, manager, insur- ance of boiler . . . . .	100 00	
J. F. Sheppard & Sons, coal .	1,199 94	
Brooks Oil Co. . . . .	12 40	
A. O. Clark, manager electric light. . . . .	70 94	
F. O. Whitmarsh, labor and stock . . . . .	27 94	
Geo. F. Blake Manufacturing Co.	31 62	
E. Hodge & Co., supplies .	102 67	
Edson Manufacturing Co., sup- plies . . . . .	90	
A. W. Chesterton, supplies .	28 87	
Boston Bolt Co., supplies .	2 28	
J. B. Rhines & Co., supplies .	5 50	
Crosby Steam Guage and Valve Co., supplies . . . . .	13 00	
American Steam Guage Co., supplies . . . . .	4 75	
	<hr/>	\$3,371 76

## MAINTENANCE.

Pay of men . . . . .	\$399 91	
Paid Ambler & Hobart . . .	2 19	
H. M. White . . . . .	50 59	
John V. Scollard, cash for books . . . . .	3 00	
Expenses to New York .	13 30	
Cash paid for Telegrams	1 75	
Collecting water rates .	240 00	
Bradford & Mansfield, grain	12 20	
	<hr/>	
<i>Amount carried forward,</i>	\$722 94	



<i>Amount brought forward,</i>	\$722 94	
Paid D. H. B. Thayer . . .	31 00	
C. G. Anderson . . .	7 65	
H. B. Whitman . . .	17 80	
Pratt & Pratt, printing . . .	3 75	
A. Southworth, postage . . .	12 00	
A. H. Mason . . .	21 37	
Thomas Groom & Co., stationery . . .	11 50	
H. H. Thayer . . .	53 46	
Thomas J. Cain, hay . . .	59 91	
The Boston Engraving Co. . .	13 00	
O. Q. Ball . . .	20 10	
Thomas Smith, Jr., labor and stock . . .	28 30	
F. G. Storey, Supt., rent of vault . . .	10 00	
W. A. Torrey, postage and stationery . . .	5 04	
White & Wetherbee, making plan . . .	6 50	
Weymouth & Braintree Publishing Co. . .	15 00	
<hr/>		
Total . . .		\$1,039 32

## EXTENSION OF MAINS.

Pay of men . . .	\$1,169 76	
E. H. Vinton, carting . . .	9 10	
William May . . .	21 80	
N. Y., N. H. & H. R. R. Co. . .	38 47	
N. Y., N. H. & H. R. R. Co., freight . . .	3 75	
<hr/>		
<i>Amount carried forward,</i>	\$1,242 88	

<i>Amount brought forward,</i>	\$1,242 88	
Davis & Franham Manufacturing Co. . . . .	91 01	
E. Bourke, expressing . . .	1 25	
Chapman Valve Manufacturing Co., supplies . . .	83 10	
Chapwick Lead Works . . .	273 55	
Citizens Gas Light Co. . . .	4 20	
M. J. Branley . . . . .	5 00	
Coffin Valve Co. . . . .	44 70	
Walworth Manufacturing Co. .	47 05	
Builders Iron Foundry . . .	34 24	
M. J. Drummond . . . . .	25 20	
Oriental Powder Mills . . .	5 88	
Chas. O. Miller, paper and stock	77 78	
Total . . . . .		\$1,935 84

## BUILDING CARRIAGE SHED.

Pay of men . . . . .	\$19 10	
W. F. Sanborn & Co. . . . .	85 44	
H. W. Borden . . . . .	63 64	
Total . . . . .		\$168 18

## TOOLS, ETC.

Walworth Manufacturing Co. .	\$4 46	
William H. Cobb . . . . .	41 75	
Total . . . . .		\$46 21

## SUPERINTENDENT'S SALARY AND EXPENSES.

William E. Maybury, salary .	\$1,125 00	
William E. Maybury, expenses	16 60	
Total . . . . .		\$1,141 60

# WATER COMMISSIONER'S SALARY AND EXPENSES.

Paid James T. Stevens, salary for 1895 . . . .	\$100 00	
Expenses . . . . .	5 00	
John V. Scollard, services as Secretary of the Board	50 00	
Peter D. Holbrook, salary as Treasurer for 1896 .	75 00	
Expenses . . . . .	15 34	
	<hr/>	\$245 34

## REPAIRS OF GATES AND HYDRANTS.

Pay of men . . . . .	\$99 58
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## GRADING STAND PIPE LOT.

William May . . . . .	\$277 04
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## METERS.

National Meter Co., supplies .	\$10 20
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## GENERAL SUMMARY.

Service construction. . . .	\$940 60	
Pumping station . . . . .	3,371 76	
Maintenance . . . . .	1,039 32	
Extension of mains . . . . .	1,935 84	
Building carriage shed . . .	168 18	
Tools, etc. . . . .	46 21	
Superintendent's salary and ex- penses . . . . .	1,141 60	
Water Commissioners' salary and expenses . . . . .	245 34	
Repairs on hydrants and gates .	99 58	
Grading stand pipe lot . . .	277 04	
Meters . . . . .	10 20	
	<hr/>	
Total . . . . .		\$9,275 67

## TREASURER'S REPORT.

---

P. D. HOLBROOK, TREASURER OF WATER WORKS.

*Dr.*

To Balance per statement January 1, 1897 . . . .	\$4,398 43	
Cash received of John V. Scol- lard, collector of water rates . . . . .	13,532 18	
To cash received of town for hy- drant service . . . . .	4,050 00	
To cash received of Town of Braintree, appropriation for extending water mains	2,000 00	
Cash received from W. E. May- bury, Superintendent for amount overpaid on pay- roll, May 8, 1897 . . . .	24 75	
Cash received from J. B. Rhines & Co., on order overdrawn	3 25	
Cash on deposit in National Ex- change Bank, Boston, subject to payment of coupons outstanding Jan- uary 1, 1898 . . . . .	2 00	
	<hr/>	\$24,208 61



*Cr.*

By Cash paid on 127 orders drawn by Water Commis- sioners . . . . .	9,275 67	
Cash paid for coupons on water bonds, 250,000 at 4 per cent. . . . .	10,000 00	
	<hr/>	\$19,275 67
Balance on hand . . . . .		4,932 94
		<hr/>
		\$24,208 61

P. D. Holbrook, Treasurer of Water Works, account examined and found correct. All vouchers furnished the balance of (\$4,932.94) forty-nine hundred thirty-two and ninety-four one-hundredths dollars on hand deposited in the State National and National Exchange banks, Boston, and the Weymouth bank.

DANIEL POTTER,

*Auditor.*

BRAINTREE, Feb. 11, 1898.

## SINKING FUNDS.

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### WATER LOAN OF 1887.

P. D. HOLBROOK, TREASURER WATER LOAN SINKING FUND.

For the payment of bonds issued July, 1887, payable July 1, 1917 :—

*Dr.*

December 31, 1897 : To amount	
of sinking fund . . .	\$21,555 69
Canton, Ohio, interest on	
two bonds. . . .	100 00
Town of Braintree, interest	
on 11 Municipal Lighting	
bonds, \$10,500 at 4 per	
cent. . . . .	420 00
Fitchburg R. R. Co., inter-	
est on four bonds . . .	160 00
Town of Braintree, appro-	
priation . . . . .	2,000 00
H. L. Dearing, interest on	
mortgage note . . .	157 50
Braintree Savings Bank, in-	
terest on deposit . . .	39 75
Randolph Savings Bank, in-	
terest on deposit . . .	21 10
	<hr/>
	\$24,445 04

*Cr.*

Amount to credit of Sinking Fund, invested as follows :—

To four Fitchburg R. R. bonds of One Thousand Dollars each, dated Jan., 1890, 30 years at 4 per cent., numbers A 4, 131 to A 4, 134, inclusive of cost .	\$3,877 11
Ten Braintree Municipal Lighting bonds, dated April 5, 1893, due April 5, 1917, at 4 per cent. .	10,000 00
One Braintree Municipal Lighting bond, same as above . . . . .	500 00
Note of Henry L. Dearing, secured by mortgage, dated Jan. 7, 1896, for one year at 4½ per cent.	3,500 00
One Canton, Ohio, 5 per cent. bond, No. 1429, due 1911, cost . . . . .	1,110 84
One Canton, Ohio, 5 per cent. bond, No. 693, due 1898, cost . . . . .	1,041 50
Balance Braintree Savings Bank as per certificate	1,177 90
Balance Randolph Savings Bank as per certificate .	1,021 69
Boston, Revere Beach & Lynn, 4½ per cent. .	2,175 00
Cash on hand, (Canton bonds) deposited in	
<i>Amount carried forward,</i>	<hr/> \$24,404 04

<i>Amount brought forward,</i>	\$24,404 04	
Braintree Savings Bank		
Jan. 15 . . . .	25 00	
Balance in Quincy Savings		
Bank as per certificate .	25 00	
	<hr/>	\$24,454 04

The securities of the water loan sinking fund 1887 examined and the amount, (\$24,454.04) twenty-four thousand four hundred fifty-four dollars invested as shown above.

DANIEL POTTER,  
CHARLES G. SHEPPARD,  
*Auditors.*

BRAINTREE, Feb. 7, 1898.

### WATER LOAN OF 1891.

P. D. HOLBROOK, TREASURER WATER LOAN SINKING FUND.

For the payment of bonds issued June 1, 1891, and payable June 1, 1821.

*Dr.*

Dec. 31, 1896. To amount of		
fund . . . . .	\$16,574 11	
To Town of Braintree, interest on six municipal		
lighting bonds . . . .	240 00	
To H. A. Jones, interest on		
mortgage . . . . .	157 50	
To Quincy Savings Bank,		
interest on deposit .	17 47	
To Canton, O., interest on		
six bonds . . . . .	300 00	
	<hr/>	\$20,289 08



*Cr.*

Amount to credit of sinking fund, invested as follows :—

Six Braintree municipal bonds dated April 5, 1893, due April 5, 1917, at 4 per cent. . . . .	\$6,000 00	
Note of Horace A. Jones and Miranda S. Jones, se- cured by mortgage dated Oct. 4, 1895, for 5 years at 4½ per cent. . . . .	3,500 00	
Six Canton, O., 5 per cent. bonds, numbers 1,429 to 1428 inclusive, due 1911 (cost) . . . . .	6,665 00	
Quincy Savings Bank, as per certificate . . . . .	861 58	
Three Boston, Revere Beach & Lynn R. R. . . . .	3,262 50	
	<hr/>	\$20,289 08

Examined accounts and securities of Treasurer Water Loan Sinking Fund, 1891, as mentioned above, and the amount (\$20,289.08), twenty thousand two hundred and eighty-nine dollars and eight cents found to be correct.

DANIEL POTTER,  
CHAS. G. SHEPPARD,  
*Auditors.*

BRAINTREE, Feb. 7, 1898.

#### WATER LOAN OF 1896.

P. D. Holbrook, Treasurer Water Loan Sinking Fund for the payment of bonds issued Dec. 12, 1896, payable in thirty years—for the amount of \$6,000 at 4 per cent.

*Dr.*

To cash received of town appropriation. . . . .	\$120 00	
Received of savings bank interest to Jan. 1 . . . . .	2 40	
	<hr/>	\$122 40

*Cr.*

Amount to credit of sinking fund as invested as follows :

South Weymouth Savings Bank as per certificate . . . . .	\$120 00	
Interest received of savings bank . . . . .	2 40	
	<hr/>	\$122 40

The sinking fund for water loan of 1896 amounting to (122 40-100) one hundred twenty-two and 40-100 dollars, deposited in the South Weymouth Savings Bank as per certificate from treasurer of said bank.

DANIEL POTTER,  
CHARLES G. SHEPPARD,

*Auditors.*

BRAINTREE, Feb. 1, 1898.

# REPORT OF STATE BOARD OF HEALTH.

## STATISTICS RELATING TO THE CONSUMPTION OF WATER IN VARIOUS CITIES AND TOWNS.

CITY OR TOWN.	Popula- tion.  1896.	Average Daily Consump- tion.  Gallons.  1896.	Daily Consump- tion per Inhabi- tant.  Gallons.  1896.
Abington and Rockland, . . . . .	9,781	371,000	38
Attleborough, . . . . .	8,430	316,000	38
Avon, . . . . .	1,674	49,000	29
Ayer, . . . . .	2,092	69,000	33
Beverly, . . . . .	12,003	874,000	73
Boston (Cochituate Works), . . . . .	481,700	56,302,000	117
Boston, Somerville, Chelsea, Ev- erett (Mystic Works), . . . . .	135,700	11,952,000	88
Bradford, . . . . .	4,939	356,000	72
Braintree, . . . . .	5,404	367,000	68
Bridgewater and E. Bridgewater, . . . . .	7,664	168,000	22
Brockton, . . . . .	34,339	1,087,000	32
Brookline, . . . . .	16,976	1,348,000	79
Cambridge, . . . . .	83,966	6,638,000	79
Canton, . . . . .	4,656	175,000	38
Cohasset, . . . . .	2,479	79,000	32
Cottage City, . . . . .	1,030	71,900	70
Danvers, . . . . .	8,326	599,000	72
Dedham, . . . . .	7,229	500,000	69
Easton, . . . . .	4,444	83,000	19
Fairhaven, . . . . .	3,422	110,000	32

CITY OR TOWN.	Popula-	Average	Daily
	tion.	Daily Consump-	Consump-
	1896.	Gallons.	tion per
		1896.	Inhabi-
			tant.
			Gallons .
			1896.
Fall River, . . . . .	92,164	3,547,000	38
Foxborough, . . . . .	3,276	158,000	48
Framingham, . . . . .	9,567	376,000	39
Franklin, . . . . .	5,197	214,000	41
Gardner, . . . . .	9,334	517,000	55
Gloucester, . . . . .	28,923	775,000	27
Grafton, . . . . .	5,121	80,000	16
Holliston, . . . . .	2,738	54,000	20
Hopkinton, . . . . .	2,763	33,000	12
Hyde Park, . . . . .	12,153	636,000	52
Ipswich, . . . . .	4,776	74,000	15
Lawrence, . . . . .	53,666	3,014,000	56
Lexington, . . . . .	3,558	140,000	39
Longmeadow, . . . . .	622	36,000	58
Lowell, . . . . .	85,701	6,933,000	81
Lynn and Saugus, . . . . .	68,341	4,539,000	67
Malden, . . . . .	31,043	1,514,000	49
Manchester, . . . . .	1,893	153,000	81
Mansfield, . . . . .	3,780	127,000	34
Marblehead, . . . . .	7,565	276,000	36
Marlborough, . . . . .	15,211	548,000	36
Maynard, . . . . .	3,168	72,000	23
Melrose, . . . . .	12,654	777,700	61
Methuen, . . . . .	5,865	170,000	29
Middleborough, . . . . .	6,814	211,000	31
Milford, . . . . .	8,995	640,000	71
Milton, . . . . .	5,766	149,000	26
Montague, . . . . .	6,010	382,000	64
Nantucket, . . . . .	2,966	84,000	28
Natick, . . . . .	8,753	408,000	47
Needham, . . . . .	3,606	146,000	40
New Bedford, . . . . .	58,155	5,259,000	91
Newburyport, . . . . .	14,673	613,000	42
Newton, . . . . .	28,232	1,812,000	64



CITY OR TOWN.	Popula- ti n.  1896.	Average Daily Consump- tion.  Gallons.  1896.	Daily Consump- tion per Inhabi- tant.  Gallons.  1896.
North Attleborough, . . . . .	6,546	186,000	28
North Brookfield, . . . . .	4,788	132,000	28
Norwood, . . . . .	3,742	308,600	65
Orange, . . . . .	5,519	150,000	27
Peabody, . . . . .	10,577	927,000	88
Provincetown, . . . . .	4,538	91,000	20
Quincy, . . . . .	21,510	1,034,000	48
Randolph and Holbrook, . . . . .	5,906	287,000	49
Reading, . . . . .	4,843	199,000	41
Revere and Winthrop, . . . . .	12,259	936,000	66
Rockport, . . . . .	5,529	172,000	31
Salem, . . . . .	32,207	2,297,000	65
Sharon, . . . . .	1,734	42,000	24
Stoughton, . . . . .	5,356	247,000	24
Swampscott and Nahant, . . . . .	4,133	414,000	100
Taunton, . . . . .	27,448	1,179,000	43
Tisbury, . . . . .	996	24,000	24
Wakefield and Stoneham, . . . . .	14,878	688,000	46
Walpole, . . . . .	3,072	59,000	19
Waltham, . . . . .	21,310	1,522,000	72
Ware, . . . . .	7,715	232,000	30
Wareham, Onset Bay, . . . . .	3,350	12,000	36
Watertown and Belmont, . . . . .	10,923	532,000	49
Webster, . . . . .	7,953	233,000	29
Wellesley, . . . . .	4,355	193,000	44
Weston, . . . . .	1,719	24,000	14
Whitman, . . . . .	6,005	231,000	39
Woburn, . . . . .	14,311	1,026,000	72
Worcester, . . . . .	101,589	6,126,000	60

CHEMICAL EXAMINATION OF WATER FROM THE FILTER-GALLERY OF THE BRAINTREE WATER WORKS.  
 [Parts per 100,000.]

Number.	Date of Collection.	APPEARANCE.			AMMONIA.		Cholera.	NITROGEN AS		Oxygen Consumed.	Hardness.	Iron.
		Turbidity.	Sediment.	Color.	Residue on Evaporation.	Free.	Albuminoid.	Nitrates.	Nitrites.			
15863	1896. Jan. 9	V. slight, rusty.	Slight, rusty.	.02	5.90	.0004	.0038	.0600	.0000	.05	2.1	.0030
16198	Mar. 5	None.	V. slight.	.18	5.60	.0002	.0068	.0650	.0000	.19	1.8	.0280
16547	May 6	None.	None.	.10	4.20	.0000	.0048	.0280	.0000	.17	1.5	.0060
16921	July 6	V. slight, milky.	V. slight.	.12	5.40	.0000	.0044	.0170	.0002	...	1.5	.0240
17095	July 29	None.	None.	.05	4.60	.0000	.0050	.0120	.0000	.12	1.6	.0060
17408	Sept. 9	None.	None.	.07	5.60	.0022	.0074	.0050	.0000	.13	1.4	.0010
17865	Nov. 13	None.	V. slight.	.02	6.00	.0008	.0041	.0250	.0001	.08	2.0	.0040



CHEMICAL EXAMINATION OF WATER FROM TUBULAR TEST WELLS NEAR LITTLE POND, BRAINTREE.  
[Parts per 100,000.]

Number.	Date of Collection.	APPEARANCE.			Residue on Evaporation.	AMMONIA.		Chlorine.	NITROGEN AS		Oxygen Consumed.	Hardness.	Iron.
		Turbidity.	Sediment.	Color.		Free.	Albuminoid.		Nitrates.	Nitrites.			
17094	1896 July 29	Decided, clayey.	Cons., sandy.	.05	5.10	.0000	.0024	0.87	.0220	.0000	.04	1.9	.0200
18104	Dec. 12	Slight, clayey.	Cons., earthy.	.00	6.70	.0008	.0020	1.14	.1400	.0001	.01	2.4	.0140
18105	Dec. 12	Slight, clayey.	Cons., earthy.	.00	7.10	.0006	.0012	1.16	.1250	.0001	.05	2.5	.1000
18106	Dec. 12	Slight, clayey.	Cons., earthy.	.02	4.80	.0004	.0044	0.96	.0400	.0001	.10	1.6	.0450

Odor, none, becoming faintly earthy or mouldy on heating.—The samples were collected from tubular wells located on the easterly shore of Little Pond, 17 feet from the high-water mark, as follows; The first sample, from a two-inch test well 195 feet north of the filter-gallery of the Braintree Water Works; the last three samples, from six-inch tubular wells located 140, 165 and 190 feet north of the filter-gallery.

MICROSCOPICAL EXAMINATION.

No. 17094. Fungi, *Crenothrix*, 1,600. No organisms were found in the remaining samples.



# Warrant for Town Meeting.

---

NORFOLK, SS. To either of the Constables of the Town of  
Braintree. GREETING :

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the inhabitants of the Town of Braintree, qualified to vote in town affairs, to meet at the Town Hall, in said Braintree, on Monday, the Seventh Day of March, 1898, at 7 o'clock in the forenoon, to act on the following articles, namely :—

ARTICLE 1. To choose a Moderator to preside at said meeting.

ART. 2. To hear the report of the several Town Officers and act thereon.

ART. 3. To determine the manner of repairing the highways and bridges the ensuing year.

ART. 4. To choose all necessary town officers for the ensuing year. Also to vote on the following question, Yes or No, as required by Chapter 54 of the Acts of 1881, namely : Shall licenses be granted in this town for the sale of intoxicating liquors? Under this article the polls will be kept open until one o'clock P. M.

ART. 5. To see if the town will authorize the Treasurer, with the approval of Board of Selectmen, to borrow money in anticipation of taxes.

ART. 6. To raise and appropriate such sums of money as may be necessary to defray the expenses of the town for the ensuing year.

ART. 7. To see if the town will accept the jury list as prepared by the Selectmen.

ART. 8. To see if the town will vote to charge interest on all unpaid taxes after a certain date.

ART. 9. To see if the town will vote an appropriation to assist Post 87, G. A. R., in defraying the expenses of memorial services on Memorial Day.

ART. 10. To see what compensation the town will vote to pay the members of the Fire Department the ensuing year.

ART. 11. To appropriate a sum of money for hydrant service.

ART. 12. To appropriate a sum of money for the Water Loan Sinking Fund.

ART. 13. To appropriate a sum of money for the Electric Light Sinking Fund.

ART. 14. To appropriate a sum of money to convey pupils to and from the public schools.

ART. 15. To see if the town will vote to continue the Night Police and appropriate money for the same.

ART. 16. To make necessary appropriations for operating the Electric Lighting System.

ART. 17. To see if the town will vote to quit-claim to Sarah M. Mansfield the lot of land with buildings thereon, situate on the corner of Taylor (formerly Winter) and Central streets, in that part of the town known as South Braintree, and being the same premises named in a deed of Solon David to Sarah M. Mansfield, dated July 5, 1893, and recorded with Norfolk Deeds, Book 696, page 324.

ART. 18. To see if the town will vote to quit-claim to Henry W. Mansfield the lot of land with buildings thereon, situate on Central street in that part of the town known as South Braintree, and being the same premises named in a deed of Solon David to Henry W. Mansfield, dated May 31, 1890, and recorded with Norfolk Deeds, Book 638, page 330.

ART. 19. To see if the town will vote to accept the provisions of Chapter 374 of the Acts of the Legislature of 1895, entitled "An Act to Authorize Towns to Place the Administration of their Highways under a Single Highway Surveyor."

ART. 20. To see if the town will vote to accept the provisions of Chapter 186 of the Acts of the Legislature of 1895, entitled "An Act Relative to the Watering of Streets in Towns."

ART. 21. To see if the town will vote to build a sidewalk on Franklin street, west of the residence of the late Calvin Thayer, and appropriate money for the same.

ART. 22. To see if the town will vote to have a survey and plans made of the improved lands within the town, to better enable the assessors to perform their duties.

ART. 23. To see if the town will appoint a committee to consider and report on the question of a new school building.

ART. 24. To hear the report of the committee appointed at the last annual Town Meeting, to report as to the rights of the town in reference to the A. S. Morrison Lighting Plant.

ART. 25. To see if the town will vote to extend the street lighting system on Hayward street, also on Pond street.

ART. 26. To see if the town will accept the laying out as town ways Lowel street, so-called, and that portion of Park street running east from the aforesaid Lowel street to Cedar street, as laid out by the Selectmen, and appropriate a sum of money to build the same.



ART. 27. To see if the town will vote to build a concrete sidewalk on Washington street and Hall avenue, partly on land of Mr. E. C. Hall, in accordance with the provisions of a vote passed at the annual meeting March, 1897, and appropriate a sum of money for the same.

ART. 28. To see if the town will vote to extend the Electric Lighting System to establish an arc light at the corner of Fountain and Boscobel streets, and appropriate a sum of money for the same.

ART. 29. To see if the town will vote an appropriation to rebuild the target used by Company K, Fifth Regiment; also to aid said company in providing such furnishings as may be needed to equip the company in a comfortable manner.

ART. 30. To see if the town will place the lighting plant in the charge of a Municipal Lighting Board, and accept the statutes in relation to the same.

ART. 31. To see if the town will vote to divide the town into voting precincts, and accept the statutes relating to the same.

ART. 32. To see if the town will vote to authorize the Water Commissioners to make extensions of the water mains and appropriate the sum of \$2,000 to defray the expense of the same.

ART. 33. To see if the town will vote to gravel the driveway in front of the Jonas Perkins school, and appropriate the sum of \$150 for the same.

ART. 34. To see if the town will vote to construct a safe and suitable fence on Commercial street over the Arch bridge, and appropriate money to defray the expense of the same.

ART. 35. To see if the town will vote an appropriation to enlarge the culvert under Elm street, near the factory of A. C. Drinkwater.



ART. 36. To see if the town desires to instruct the Selectmen in relation to the two franchises petitioned for by the Braintree & Weymouth Street Railway Company.

ART. 37. To see if the town desires to instruct the Selectmen in relation to the petition of the Braintree & Randolph Street Railway Company to extend its tracks in Pearl street.

ART. 38. To see if the town will vote to build a drain in Washington street to take the surface water flowing in front of the residence of the late Elisha Morse.

ART. 39. To see if the town will choose a Board of Assessors other than the Selectmen.

ART. 40. To see if the town will choose a Board of Road Commissioners, and accept the statutes relating to the same.

ART. 41. To see if the town will vote to purchase uniforms for the night police, and appropriate money for the same.

ART. 42. To choose any committee or hear the report of any committee and act thereon.

ART. 43. To see if the town will vote to make some provision for drainage in Franklin street, and appropriate a sum of money for the same.

ART. 44. To see if the town will appropriate a sum of money to rebuild the Fire Alarm. Also a sum of money to purchase new hose for the Fire Department.

You are to give notice of this meeting by posting up true and attested copies of this Warrant in not less than nine public places in this town, seven days at least before the time of said meeting, and by publishing once in the Braintree Reporter.

Hereof fail not and make return of this Warrant with your doings thereon to the Town Clerk before the time of said meeting.

Given under our hands at Braintree this twenty-third day of February, in the year of our Lord one thousand eight hundred and ninety-eight.

ANSEL O. CLARK,	}	<i>Selectmen of Braintree.</i>
WILLIAM W. MAYHEW,		
J. PARKER HAYWARD,		

A true copy. Attest:

HORACE FAXON, *Constable of Braintree.*

---

NORFOLK, ss.

BRAINTREE, Feb. 25, 1898.

Pursuant to the foregoing warrant I hereby notify and warn the inhabitants of the Town of Braintree, qualified as therein expressed, to meet at the time and place for the purposes therein mentioned.

HORACE FAXON, *Constable of Braintree.*

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